

# 843 Response to Request for Quotation

Functional Group ID=**RR**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Response to Request for Quotation Transaction Set (843) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

## Notes:

*1. Provide all mandatory and required segments, data elements, and codes for an offeror to adequately prepare a proposal, quote, or bid. As a general rule, provide any information when it differs from the originating Request for Quotation.*

*2. This implementation convention can be used to provide a quote in response to an Request for Quote (RFQ), a bid in response to an Invitation for Bid (IFB), a proposal in response to a Request for Proposal (RFP) or information in response to a Request for Information (RFI). For simplicity, the term quote will be used in this convention for all the above.*

*3. When BQR01 is code 02, 03, or 04, use only those segments and data elements that are mandatory or necessary to add, delete, or change data in the quote. Transmit the segment(s) or loop(s) containing the added, deleted or changed data in their entirety.*

## Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
6	010	ST	Transaction Set Header	M	1		
7	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
11	040	CUR	Currency	O	1		
14	050	REF	Reference Numbers	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
18	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
21	095	PAM	Period Amount	O	10		
Not Used	110	CSH	Header Sale Condition	O	25		
23	120	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
27	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
29	140	DIS	Discount Detail	O	20		

## 843 - Response to Request for Quotation

31	150	DTM	Date/Time Reference	O	10	
34	160	LDT	Lead Time	O	12	
Not Used	180	LIN	Item Identification	O	5	n1
Not Used	190	PID	Product/Item Description	O	200	
36	200	MEA	Measurements	O	40	
41	210	PWK	Paperwork	O	25	
45	220	PKG	Marking, Packaging, Loading	O	25	
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2	
48	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	250	TD3	Carrier Details (Equipment)	O	12	
50	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	270	MAN	Marks and Numbers	O	10	
Not Used	280	CTB	Restrictions/Conditions	O	5	
Not Used	285	CPR	Commodity Price Reference	O	2	
LOOP ID - N9					1000	
52	290	N9	Reference Number	O	1	
55	300	MSG	Message Text	O	1000	
LOOP ID - N1					10000	
57	310	N1	Name	O	1	
62	320	N2	Additional Name Information	O	2	
63	330	N3	Address Information	O	2	
64	340	N4	Geographic Location	O	1	
Not Used	350	REF	Reference Numbers	O	12	
66	360	PER	Administrative Communications Contact	O	>1	
Not Used	370	FOB	F.O.B. Related Instructions	O	1	
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2	
69	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	400	TD3	Carrier Details (Equipment)	O	12	
71	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
73	420	PKG	Marking, Packaging, Loading	O	25	
Not Used	430	MSG	Message Text	O	>1	

### Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - PO1						100000	
76	010	PO1	Baseline Item Data	O	1		
Not Used	020	CUR	Currency	O	1		
82	030	PO3	Additional Item Detail	O	25		
84	040	CTP	Pricing Information	O	>1		
Not Used	045	PAM	Period Amount	O	10		
87	049	MEA	Measurements	O	40		
LOOP ID - PID						1000	
92	050	PID	Product/Item Description	O	1		

## 843 - Response to Request for Quotation

Not Used	060	MEA	Measurements	O	10	
94	070	PWK	Paperwork	O	25	
98	080	PKG	Marking, Packaging, Loading	O	25	
101	090	PO4	Item Physical Details	O	>1	
104	100	REF	Reference Numbers	O	>1	
Not Used	110	PER	Administrative Communications Contact	O	3	
107	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
Not Used	140	IT8	Conditions of Sale	O	25	
111	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
113	160	DIS	Discount Detail	O	20	
Not Used	170	TAX	Tax Reference	O	3	
115	180	FOB	F.O.B. Related Instructions	O	>1	
Not Used	190	SDQ	Destination Quantity	O	50	
118	200	DTM	Date/Time Reference	O	10	
Not Used	230	FST	Forecast Schedule	O	5	
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1	
122	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	260	TD3	Carrier Details (Equipment)	O	12	
124	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	280	MAN	Marks and Numbers	O	10	
126	289	MSG	Message Text	O	>1	
Not Used	290	CTB	Restrictions/Conditions	O	5	
127	291	SPI	Specification Identifier	O	>1	
LOOP ID - SCH					104	
129	292	SCH	Line Item Schedule	O	1	n2
Not Used	293	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	294	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	296	TD3	Carrier Details (Equipment)	O	12	
Not Used	298	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
LOOP ID - CST					100	
Not Used	300	CST	Cost Analysis	O	1	
Not Used	310	PID	Product/Item Description	O	1	
Not Used	320	CUR	Currency	O	1	
Not Used	330	DTM	Date/Time Reference	O	2	
LOOP ID - SLN					1000	
Not Used	340	SLN	Subline Item Detail	O	1	
Not Used	350	PID	Product/Item Description	O	1000	
LOOP ID - CST					100	
Not Used	360	CST	Cost Analysis	O	1	
Not Used	370	PID	Product/Item Description	O	1	
Not Used	380	CUR	Currency	O	1	
Not Used	390	DTM	Date/Time Reference	O	2	

## 843 - Response to Request for Quotation

			LOOP ID - PD		>1
132	392	PD	Pricing Data	O	1
135	393	PDD	Pricing Data Detail	O	>1
			LOOP ID - LDT		>1
137	394	LDT	Lead Time	O	1
139	395	QTY	Quantity	O	>1
141	396	MSG	Message Text	O	1
			LOOP ID - LM		>1
142	397	LM	Code Source Information	O	1
143	398	LQ	Industry Code	M	>1
			LOOP ID - N9		1000
144	400	N9	Reference Number	O	1
147	410	MSG	Message Text	O	1000
			LOOP ID - N1		>1
149	420	N1	Name	O	1
152	430	N2	Additional Name Information	O	2
153	440	N3	Address Information	O	2
154	450	N4	Geographic Location	O	1
Not Used	460	REF	Reference Numbers	O	12
155	470	PER	Administrative Communications Contact	O	3
Not Used	480	FOB	F.O.B. Related Instructions	O	1
158	485	SCH	Line Item Schedule	O	200
Not Used	490	TD1	Carrier Details (Quantity and Weight)	O	2
161	500	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	510	TD3	Carrier Details (Equipment)	O	12
163	520	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
165	530	PKG	Marking, Packaging, Loading	O	25
			LOOP ID - LDT		>1
168	550	LDT	Lead Time	O	1
170	560	MAN	Marks and Numbers	O	10
172	570	QTY	Quantity	O	5
174	580	MSG	Message Text	O	1

### Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
175	010	CTT	Transaction Totals	M	1		n3
177	015	AMT	Monetary Amount	O	1		
178	020	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When

this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3. Number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			843 X12.8 Response to Request for Quotation	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.</i>	

<b>Segment:</b>	<b>BQR</b> Beginning Segment for Response to Request for Quotation
<b>Position:</b>	020
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates
<b>Syntax Notes:</b>	<b>1</b> If either BQR04 or BQR05 is present, then the other is required.
<b>Semantic Notes:</b>	<b>1</b> BQR03 is the date to be used for reference purposes in an RFQ and a response to RFQ.
<b>Comments:</b>	

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	BQR01	353 Transaction Set Purpose Code	M ID 2/2

Code identifying purpose of transaction set

*Use to identify the purpose of transaction set.*

00 Original

*For the first submission of a quote, use code 00.  
For successive submissions of a quote for the same solicitation, DO NOT USE code 00, use either code 02, 03, 04, or 07.*

01 Cancellation

*Use to indicate a cancellation of a previously submitted quote.*

02 Add

*Use to indicate an amended quote that is adding a new or first occurrence of a free standing segment(s) or a new or first iteration of a loop(s). When used, transmit the segment(s) or loop(s) containing the data to be added in their entirety.*

03 Delete

*Use to indicate an amended quote that is deleting, without replacement, an entire occurrence of a free standing segment(s) or an entire iteration of a loop(s). When used, transmit the segment(s) or loop(s) containing the data to be deleted in their entirety.*

04 Change

*Use to indicate an amended quote that contains a combination of data additions, deletions or*

				<i>changes to a previously transmitted quote. When used, transmit all segments or loops that contain data additions, deletions or changes in their entirety. Use this code only when codes 02 and 03 do not apply.</i>
		07	Duplicate	<i>Use to indicate that this is a duplicate quote.</i>
<b>M</b>	<b>BQR02</b>	<b>586</b>	<b>Request for Quote Reference Number</b>	<b>M AN 1/45</b>
			Number assigned by the purchaser to identify his request for quote	
			<i>1. Use to identify the solicitation number to which this transaction set is responding. If amendments to the solicitation have been issued, the solicitation number and the last amendment number will be concatenated.</i>	
			<i>2. Use also to identify the contract number of an undefinitized contract action (UCA) to which this transaction set is responding. If the UCA is a call, release, or delivery order against a basic award instrument (BEG02 is code RL), concatenate the basic award instrument number with the call, release or delivery order number. When BEG02 in the 850 transaction set is code RL, concatenate the basic award instrument number from BEG03 with the call, release or delivery order number from BEG04. In this situation, cite code RE in BQR06.</i>	
<b>M</b>	<b>BQR03</b>	<b>373</b>	<b>Date</b>	<b>M DT 6/6</b>
			Date (YYMMDD)	
			<i>Use to indicate the date of a solicitation. If amendments to the solicitation have been issued, cite the date of the last amendment.</i>	
<b>Must Use</b>	<b>BQR04</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
			Code specifying type of date or time, or both date and time	
		098	Bid (Effective)	
			<i>Use to indicate the date the quote is being submitted.</i>	
		171	Revision	
			<i>When BQR01 is either code 02, 03, or 04, use to indicate the date a revised quote is being submitted.</i>	
		177	Cancellation	
			<i>When BQR01 is code 01, use to indicate the date a quote is being canceled.</i>	
<b>Must Use</b>	<b>BQR05</b>	<b>373</b>	<b>Date</b>	<b>X DT 6/6</b>
			Date (YYMMDD)	
	<b>BQR06</b>	<b>379</b>	<b>Bid Type Response Code</b>	<b>O ID 2/2</b>
			Code indicating the type of response to the request for bid or quote	
			<i>1. When BQR06 is code BW, DQ, or UQ, use either the 1/N9/290 or 2/N9/400 loop to explain or specify exceptions to the solicitation.</i>	



**2. If multiple original quotes are submitted, each must be a separate 843 transaction set and be assigned a unique price quote number.**

AB	Alternate Bid
	<i>Use to indicate a substitute product is being offered or other variations from the solicited item are being proposed. When this code is used, specific information must be provided in the PO1 loop. If other exceptions are being taken, use code BW.</i>
BF	Best and Final
	<i>Use to indicate this quote represents the offeror's Best and Final offer.</i>
BI	Bid Without Exception
	<i>When this code is used, only the mandatory segments, required data elements, and segments to provide pricing, cost information, certifications, representations, or fill-in information are necessary.</i>
BW	Bid With Exception (Request for Information)
	<i>When possible, exceptions should be provided within the transaction set, e.g., delivery exceptions, packaging exceptions, etc. When not possible, use either the 1/N9/290 or 2/N9/400 loop (using code KT in N901) to provide the exceptions.</i>
DQ	Decline to Quote
	<i>Use the 1/N9/290 loop (using code 55 in N901) to explain.</i>
RE	Replacement
	<i>Use to indicate a quote in response to an undefinitized action.</i>
RT	Request for Time Extension
	<i>Use to indicate the offeror is requesting a time extension to submit the quote. When used to request an extension for all line items, only the mandatory segments and the 1/DTM/150 segment, code 992, need be transmitted. When used to request an extension for individual line items, only the mandatory segments, the applicable 2/PO1/010 segment (PO101 only) and the 2/DTM/200 segment (with DTM01 citing code 992) need be transmitted.</i>
UQ	Unable to Quote
	<i>Use the 1/N9/290 loop (using code 55 in N901) to explain.</i>

BQR07 786 Security Level Code

O ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

***Use to identify the highest level of government security classification or commercial protection applicable to the quote. If the quote has both a government security classification and a commercial protection level applicable to the quote, the government security classification takes precedence and shall be cited in this data element. The commercial protection level applicable to specific items within the quote can be identified in the 2/SPI/291 segment.***

06	Supplier Proprietary
11	Competition Sensitive
92	Government Confidential
93	Government Secret
94	Government Top Secret

**Segment:** **CUR** Currency  
**Position:** 040  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Syntax Notes:**

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

**Semantic Notes:**

**Comments:** 1 See Figures Appendix for examples detailing the use of the CUR segment.

- Notes:**
1. *Use this segment when the quote is in other than US dollars or payment in other than US dollars is being requested.*
  2. *When this segment is only used to identify the currency in which the quote is being submitted, cite code C5 in CUR01, and the quote currency in CUR02.*
  3. *When this segment is only used to request payment in other than US dollars, cite code PR in CUR01 and the requested payment currency in CUR02.*
  4. *If the quote is being submitted and payment is being requested in other than US dollars, cite code C5 in CUR01, the quote currency in CUR02, code PR in CUR04, and the requested payment currency in CUR05.*

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CUR01	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		C5	Party Submitting Quote
			<i>Use to indicate the selling party is submitting a quote in other than US currency.</i>
		PR	Payer

<i>Use to indicate the quoting party is requesting payment in other than US currency.</i>			
<b>M</b>	<b>CUR02</b>	<b>100</b>	<b>Currency Code</b> <b>M ID 3/3</b> Code (Standard ISO) for country in whose currency the charges are specified <i>1. When CUR01 is code C5 use to identify the currency in which the quote is being submitted.</i> <i>2. When CUR01 is code PR, use to identify the currency in which payment is requested.</i>
<b>Not Used</b>	<b>CUR03</b>	<b>280</b>	<b>Exchange Rate</b> <b>O R 4/6</b> Value to be used as a multiplier conversion factor to convert monetary value from one currency to another
	<b>CUR04</b>	<b>98</b>	<b>Entity Identifier Code</b> <b>O ID 2/2</b> Code identifying an organizational entity, a physical location, or an individual PR Payer <i>Use to indicate the quoting party is requesting payment in other than US currency.</i>
	<b>CUR05</b>	<b>100</b>	<b>Currency Code</b> <b>O ID 3/3</b> Code (Standard ISO) for country in whose currency the charges are specified <i>Use to identify the currency in which payment is requested, if other than US dollars.</i>
<b>Not Used</b>	<b>CUR06</b>	<b>669</b>	<b>Currency Market/Exchange Code</b> <b>O ID 3/3</b> Code identifying the market upon which the currency exchange rate is based
<b>Not Used</b>	<b>CUR07</b>	<b>374</b>	<b>Date/Time Qualifier</b> <b>X ID 3/3</b> Code specifying type of date or time, or both date and time
<b>Not Used</b>	<b>CUR08</b>	<b>373</b>	<b>Date</b> <b>O DT 6/6</b> Date (YYMMDD)
<b>Not Used</b>	<b>CUR09</b>	<b>337</b>	<b>Time</b> <b>O TM 4/8</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
<b>Not Used</b>	<b>CUR10</b>	<b>374</b>	<b>Date/Time Qualifier</b> <b>X ID 3/3</b> Code specifying type of date or time, or both date and time
<b>Not Used</b>	<b>CUR11</b>	<b>373</b>	<b>Date</b> <b>X DT 6/6</b> Date (YYMMDD)
<b>Not Used</b>	<b>CUR12</b>	<b>337</b>	<b>Time</b> <b>X TM 4/8</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS,

			or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	CUR13	374	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
			Code specifying type of date or time, or both date and time	
Not Used	CUR14	373	<b>Date</b>	<b>X DT 6/6</b>
			Date (YYMMDD)	
Not Used	CUR15	337	<b>Time</b>	<b>X TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	CUR16	374	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
			Code specifying type of date or time, or both date and time	
Not Used	CUR17	373	<b>Date</b>	<b>X DT 6/6</b>
			Date (YYMMDD)	
Not Used	CUR18	337	<b>Time</b>	<b>X TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	CUR19	374	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
			Code specifying type of date or time, or both date and time	
Not Used	CUR20	373	<b>Date</b>	<b>X DT 6/6</b>
			Date (YYMMDD)	
Not Used	CUR21	337	<b>Time</b>	<b>X TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	

<b>Segment:</b>	<b>REF</b> Reference Numbers
<b>Position:</b>	050
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify identifying numbers.
<b>Syntax Notes:</b>	1 At least one of REF02 or REF03 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<p><i>1. Use this 1/REF/050 segment to identify reference numbers that apply to all of the line items. If the reference numbers vary by line item, use the 2/REF/100 segment.</i></p> <p><i>2. At least one occurrence of this REF segment with REF01 citing code PR is REQUIRED to provide the quoting party's quotation number.</i></p> <p><i>3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	REF01	128 Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		<i>When codes CT or W6 are used, one iteration of the 1/DTM/150 segment is REQUIRED. Use code 036 (Expiration) in DTM01 and provide the expiration date of the cited schedule or contract in DTM02.</i>	
		2Y	Wage Determination
			<i>Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.</i>
		73	Statement of Work (SOW)
			<i>If a Statement of Work is part of the quote, the PWK segment can be used to indicate how the SOW is being provided.</i>
		97	Package Number
		AH	Agreement Number
			<i>Use to indicate a Union Agreement</i>
		C7	Contract Line Item Number
		CH	Customer catalog number
		CR	Customer Reference Number

	<i>Use to indicate the internal number that the quoting party is assigning to identify the buying party.</i>
CT	Contract Number  <i>Use to indicate a contract or agreement other than a Federal Supply Schedule (FSS) from which the quoted item can be ordered. Enter the contract number in REF02 and explain the nature of the contract in REF03 if necessary. The expiration date of the contract must be specified in the DTM segment.</i>
DG	Drawing Number  <i>If a revision number and/or date must be cited for the drawing number, concatenate the revision number with the drawing number and provide the date in REF03.</i>
IJ	Standard Industry Classification (SIC) Code  <i>Use to indicate an exception is being taken to the Standard Industry Classification (SIC) code applicable to the solicitation. When used, the bidder should cite the SIC code considered appropriate.</i>
IX	Item Number  <i>Use to indicate a Federal Supply Schedule (FSS) special item number.</i>
LT	Lot Number
LX	Qualified Products List  <i>Use to indicate the Qualified Products List (QPL) number where the quoted item can be found.</i>
NI	Military Standard (MIL-STD) Number
P4	Project Code  <i>Use to indicate the project number applicable to the solicitation.</i>
PR	Price Quote Number  <i>1. Use to indicate the number the quoting party is assigning to the quote. Use of this code is REQUIRED when BQR01 is code 00, 01, 02, 03, or 04.</i>  <i>2. When multiple original quotes are submitted (BQR01 is code 00), a unique price quote number must be assigned, i.e., one that does not contain an extension or suffix with a previously submitted price quote number.</i>

			<p><b>3. When BQR01 is code 02, 03, or 04, an extension or suffix should be assigned to the original price quote number.</b></p>	
QC		Product Specification Document Number		
S2		Military Specification Number (MILSPEC)		
S3		Specification Number	<p><b>Use to indicate a specification number other than a Military Specification (MIL-SPEC). When used, cite the specification number in REF02 and identify the issuing activity in REF03.</b></p>	
TN		Transaction Reference Number	<p><b>1. Use to indicate the unique reference number for a related transaction set (e.g., an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique number. In the case of the 841 transaction set, that number is carried in SPI02.</b></p> <p><b>2. When used, cite the related transaction set's unique number in REF02 and cite the X12 transaction set designator of the related transaction set, e.g., 841, in REF03.</b></p>	
TP		Test Specification Number		
VW		Standard	<p><b>Use to indicate a standard other than a Military Standard (MIL-STD). When used, cite the standard number in REF02, e.g., ASTM D3951, and, if necessary, further identify the standard in REF03.</b></p>	
W6		Federal Supply Schedule Number	<p><b>Use to indicate a Federal Supply Schedule in which the quoted item can be found and provide the Schedule number in REF02. The expiration date MUST be noted in the DTM segment.</b></p>	
ZZ		Mutually Defined	<p><b>Use to indicate another type of reference number. When used, identify the nature of the number in REF03.</b></p>	
REF02	127	Reference Number	X	AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.		
		<b>If a document has a revision, the document number and the revision number should be concatenated and cited in this data element.</b>		



<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>X AN 1/80</b>
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A free-form description to clarify the related data elements and their content

*1. Use, if necessary, to carry additional information applicable to a reference number cited in REF02.*

*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

<b>Segment:</b>	<b>FOB</b> F.O.B. Related Instructions
<b>Position:</b>	080
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify transportation instructions relating to shipment
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If FOB03 is present, then FOB02 is required.</li> <li>2 If FOB04 is present, then FOB05 is required.</li> <li>3 If FOB07 is present, then FOB06 is required.</li> <li>4 If FOB08 is present, then FOB09 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 FOB01 indicates which party will pay the carrier.</li> <li>2 FOB02 is the code specifying transportation responsibility location.</li> <li>3 FOB06 is the code specifying the title passage location.</li> <li>4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.</li> </ol>
<b>Comments:</b>	
<b>Notes:</b>	<p><i>1. Use this 1/FOB/080 segment if the FOB point and acceptance location apply to all of the line items. When the FOB point and/or acceptance location varies by line item, use the 2/FOB/180 segment.</i></p> <p><i>2. If the FOB point varies by delivery zone or destinations within a delivery zone, use the 1/N1/310 loop citing code DZ in N101, identify the delivery zone in N103/104 citing code ZN in N103 and identify the FOB point in N405/406.</i></p> <p><i>3. This segment is not used when the quote is for construction or a service without deliverables.</i></p> <p><i>4. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	FOB01	146	Shipment Method of Payment	M ID 2/2
			Code identifying payment terms for transportation charges	
		BP	Paid by Buyer	
			<i>Use to indicate a Government Bill of Lading (GBL) will be issued.</i>	
		PE	Prepaid and Summary Bill	
			<i>Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.</i>	
		PP	Prepaid (by Seller)	

*Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on the award instrument's invoice. When used, if known, specify the cost in the SAC segment citing code I260 in SAC02.*

PS

Paid by Seller

*Use to indicate transportation charges are included in the unit price.*

FOB02

309

**Location Qualifier****X ID 1/2**

Code identifying type of location

*Use to identify the FOB point.*

DE

Destination (Shipping)

FV

Free Alongside Vessel (Free On Board [F.O.B.] Point)

IT

Intermediate FOB Point

*Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.*

KE

Port of Embarkation

*Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of Government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.*

KL

Port of Loading

*Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.*

OR

Origin (Shipping Point)

W

Worldwide Geographic Location Code

*Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.*

ZZ

Mutually Defined

*Use to indicate an Other FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.*

Not Used

FOB03

352

**Description****O AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used

FOB04

334

**Transportation Terms Qualifier Code****O ID 2/2**

Code identifying the source of the transportation terms

Not Used	FOB05	335	<b>Transportation Terms Code</b>	X	ID 3/3
			Code identifying the trade terms which apply to the shipment transportation responsibility		
	FOB06	309	<b>Location Qualifier</b>	X	ID 1/2
			Code identifying type of location		
			<i>Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.</i>		
			DE	Destination (Shipping)	
			OR	Origin (Shipping Point)	
			ZZ	Mutually Defined	
			<i>1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 1/N1/310 loop, citing code 7M in N101.</i>		
			<i>2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 1/N1/310 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.</i>		
Not Used	FOB07	352	<b>Description</b>	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	FOB08	54	<b>Risk of Loss Qualifier</b>	O	ID 2/2
			Code specifying where responsibility for risk of loss passes		
Not Used	FOB09	352	<b>Description</b>	X	AN 1/80
			A free-form description to clarify the related data elements and their content		

<b>Segment:</b>	<b>PAM</b> Period Amount
<b>Position:</b>	095
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	10
<b>Purpose:</b>	To indicate a quantity, and/or amount for an identified period
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If any of PAM01 PAM02 or PAM03 is present, then all are required.</li> <li>2 At least one of PAM02 or PAM05 is required.</li> <li>3 If either PAM04 or PAM05 is present, then the other is required.</li> <li>4 If either PAM06 or PAM07 is present, then the other is required.</li> <li>5 If PAM07 is present, then at least one of PAM08 or PAM09 is required.</li> <li>6 If PAM08 is present, then PAM07 is required.</li> <li>7 If PAM09 is present, then PAM07 is required.</li> <li>8 If PAM10 is present, then at least one of PAM11 or PAM12 is required.</li> <li>9 If PAM11 is present, then PAM10 is required.</li> <li>10 If either PAM13 or PAM14 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	1 PAM10, PAM11, or PAM12 are used when two dates are required.
<b>Comments:</b>	
<b>Notes:</b>	<i>Use this segment to identify the amount of a bid guarantee that is being submitted as part of the quote. Specify in the PWK segment how the bid guarantee is being provided.</i>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	PAM01	673	<b>Quantity Qualifier</b> Code specifying the type of quantity Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
Not Used	PAM02	380	<b>Quantity</b> Numeric value of quantity	X R 1/15
Not Used	PAM03	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2
	PAM04	522	<b>Amount Qualifier Code</b> Code to qualify amount B0 Bond	X ID 1/2
			<i>Use to indicate a bid guarantee.</i>	
	PAM05	782	<b>Monetary Amount</b> Monetary amount	X R 1/15
Not Used	PAM06	344	<b>Unit of Time Period or Interval</b> Code indicating the time period or interval Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 2/2

<b>Not Used</b>	<b>PAM07</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	<b>X ID 3/3</b>
<b>Not Used</b>	<b>PAM08</b>	<b>373</b>	<b>Date</b> Date (YYMMDD)	<b>X DT 6/6</b>
<b>Not Used</b>	<b>PAM09</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X TM 4/8</b>
<b>Not Used</b>	<b>PAM10</b>	<b>374</b>	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.	<b>X ID 3/3</b>
<b>Not Used</b>	<b>PAM11</b>	<b>373</b>	<b>Date</b> Date (YYMMDD)	<b>X DT 6/6</b>
<b>Not Used</b>	<b>PAM12</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X TM 4/8</b>
<b>Not Used</b>	<b>PAM13</b>	<b>1004</b>	<b>Percent Qualifier</b> Code to qualify percent Refer to 003050 Data Element Dictionary for acceptable code values.	<b>X ID 1/2</b>
<b>Not Used</b>	<b>PAM14</b>	<b>954</b>	<b>Percent</b> Percentage expressed as a decimal	<b>X R 1/10</b>

<b>Segment:</b>	<b>SAC</b> Service, Promotion, Allowance, or Charge Information
<b>Position:</b>	120
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of SAC02 or SAC03 is required.</li> <li>2 If either SAC03 or SAC04 is present, then the other is required.</li> <li>3 If either SAC06 or SAC07 is present, then the other is required.</li> <li>4 If either SAC09 or SAC10 is present, then the other is required.</li> <li>5 If SAC11 is present, then SAC10 is required.</li> <li>6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.</li> <li>7 If SAC14 is present, then SAC13 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.</li> <li>2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.</li> <li>3 SAC08 is the allowance or charge rate per unit.</li> <li>4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.</li> <li>5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.</li> <li>6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.</li> <li>2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.</li> </ol>
<b>Notes:</b>	<i>Use this 1/SAC/120 segment to identify prices and, if applicable, quantities, for services or non-CLIN charges identified in the solicitation that apply to all of the line items. If the price for the services or non-CLIN charges vary by line item, use the 2/SAC/130 segment.</i>

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
<b>M</b>	<b>SAC01 248 Allowance or Charge Indicator</b>	<b>M ID 1/1</b>
	Code which indicates an allowance or charge for the service specified	
	A Allowance	
	C Charge	

N

No Allowance or Charge

*Use to indicate there is no charge for the service specified SAC02.*

**SAC02      1300      Service, Promotion, Allowance, or Charge Code      X      ID 4/4**

Code identifying the service, promotion, allowance, or charge

*1. Any code, other than code ZZZZ, may be used but the listed codes are preferred.*

*2. As a minimum, the codes listed in the solicitation must be used to identify whether or not there is a charge.*

*B180 Cleaning Charge*

*B610 Container Service Charge USA/Canada*

*Use to indicate a reusable container.*

*B870 Customs Charge*

*C240 Disconnect Charge*

*C330 Distribution Fee*

*C370 Diversion Charge*

*C880 Expediting Premium*

*D500 Handling*

*D530 Hazardous Cargo Charge*

*D660 Hook-up charge*

*D820 Inside Delivery*

*D870 Inspection*

*D890 Installation and Training*

*D900 Installation*

*E340 Less Than Truckload (LTL) Charge*

*Use to indicate a charge for a less than carload or truckload delivery.*

*E400 Loading (Labor Charges)*

*F150 Packaging Service*

*F460 Postage*

*F560 Premium Transportation*

*F830 Proof of Delivery*

*Use to indicate a charge for the preparation of a DD Form 250.*

*G030 Reconnect charge*

*G350 Rents and Leases*

*G470 Restocking Charge*

*G530 Rework*

*G580 Royalties*

*G660 Scrap Allowance*

*G740 Service Charge*

*G760 Set-up*

*H170 Special Tooling Charge*

*H430 Storage*



			<b>H540 Supplemental Items</b>	
			<i>Use to indicate the amount for Contractor Acquired Parts (CAP).</i>	
			<b>H550 Surcharge</b>	
			<b>H850 Tax</b>	
			<i>Use to indicate total taxes applicable to the total quote amount that are included in the unit prices.</i>	
			<b>H990 Testing Services Charge</b>	
			<b>I260 Transportation Direct Billing</b>	
			<i>Use to indicate the amount for pre-paid transportation charges that will be added to an invoice.</i>	
			<b>I380 Unloading (Labor Charges)</b>	
			<b>I590 Warranties</b>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SAC03	559	<b>Agency Qualifier Code</b>	<b>X ID 2/2</b>
			Code identifying the agency assigning the code values	
Not Used	SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b>	<b>X AN 1/10</b>
			Agency maintained code identifying the service, promotion, allowance, or charge	
	SAC05	610	<b>Amount</b>	<b>O N2 1/15</b>
			Monetary amount	
	SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	<b>X ID 1/1</b>
			Code indicating on what basis allowance or charge percent is calculated	
			<i>Use any code other than code Z.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC07	332	<b>Percent</b>	<b>X R 1/6</b>
			Percent expressed as a percent	
			<i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
	SAC08	118	<b>Rate</b>	<b>O R 1/9</b>
			Rate expressed in the standard monetary denomination for the currency specified	
	SAC09	355	<b>Unit or Basis for Measurement Code</b>	<b>X ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<b>1. Use any code other than code ZZ.</b>	
			<b>2. An application program conversion table may be required to convert agency codes to X12 codes.</b>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

	<b>SAC10</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity <i>If applicable, use to identify the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.</i>	<b>X R 1/15</b>
	<b>SAC11</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity <i>Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.</i>	<b>O R 1/15</b>
<b>Not Used</b>	<b>SAC12</b>	<b>331</b>	<b>Allowance or Charge Method of Handling Code</b> Code indicating method of handling for an allowance or charge	<b>O ID 2/2</b>
<b>Not Used</b>	<b>SAC13</b>	<b>127</b>	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	<b>X AN 1/30</b>
<b>Not Used</b>	<b>SAC14</b>	<b>770</b>	<b>Option Number</b> A unique number identifying available promotion or allowance options when more than one is offered	<b>O AN 1/20</b>
<b>Not Used</b>	<b>SAC15</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>O AN 1/80</b>

<b>Segment:</b>	<b>ITD</b> Terms of Sale/Deferred Terms of Sale
<b>Position:</b>	130
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	5
<b>Purpose:</b>	To specify terms of sale
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.</li> <li>2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.</li> <li>3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.</li> </ol>
<b>Notes:</b>	<i>Use this segment to identify a discount applicable to the entire quote.</i>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms	O ID 2/2
Not Used	ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period	O ID 1/2
	ITD03	338	<b>Terms Discount Percent</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date <i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	O R 1/6
Not Used	ITD04	370	<b>Terms Discount Due Date</b> Date payment is due if discount is to be earned	X DT 6/6
	ITD05	351	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3
Not Used	ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due	O DT 6/6
	ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due (discount not applicable)	O N0 1/3
Not Used	ITD08	362	<b>Terms Discount Amount</b> Total amount of terms discount	O N2 1/10
Not Used	ITD09	388	<b>Terms Deferred Due Date</b> Date deferred payment or percent of invoice payable is due	O DT 6/6
Not Used	ITD10	389	<b>Deferred Amount Due</b>	X N2 1/10

			Deferred amount due for payment	
<b>Not Used</b>	<b>ITD11</b>	<b>342</b>	<b>Percent of Invoice Payable</b>	<b>X R 1/5</b>
			Amount of invoice payable expressed in percent	
<b>Not Used</b>	<b>ITD12</b>	<b>352</b>	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
<b>Not Used</b>	<b>ITD13</b>	<b>765</b>	<b>Day of Month</b>	<b>X N0 1/2</b>
			The numeric value of the day of the month between 1 and the maximum day of the month being referenced	
<b>Not Used</b>	<b>ITD14</b>	<b>107</b>	<b>Payment Method Code</b>	<b>O ID 1/1</b>
			Code identifying type of payment procedures	
<b>Not Used</b>	<b>ITD15</b>	<b>954</b>	<b>Percent</b>	<b>O R 1/10</b>
			Percentage expressed as a decimal	

<b>Segment:</b>	<b>DIS</b> Discount Detail
<b>Position:</b>	140
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	20
<b>Purpose:</b>	To specify the exact type and terms of various discount information
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 DIS05 is the minimum for application of the discount.</li> <li>2 DIS06 is the maximum for application of the discount.</li> </ol>
<b>Comments:</b>	
<b>Notes:</b>	<p><i>1. Use this 1/DIS/140 segment to identify volume discounts that apply to all of the line items or the entire order that are based on the dollar value purchased or the number of units purchased. Use the 2/DIS/160 segment if the discount varies by line item.</i></p> <p><i>2. Use the 1/N9/290 segment, with N901 citing code L1, and the 1/MSG/300 segment to specify other volume or promotional discounts that apply to all of the line items or the entire order.</i></p>

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DIS01	653		Discount Terms Type Code	M ID 3/3
				Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.	
			POR	% Discount per Units Ordered	
				<i>Use to indicate a percent discount based on the value of the units purchased.</i>	
			UNT	Additional Units per Units Purchased	
				<i>Use to indicate additional free units are to be provided based on the number of units purchased.</i>	
M	DIS02	654		Discount Base Qualifier	M ID 2/2
				Code to define unit of discount, i.e., dollars, cases, alternate products, etc.	
			PC	Discount Determined as a Percentage of the Value of the Transaction	
				<i>Use to indicate the discount as a percent of the value of the total order.</i>	
			UN	Discount Determined to be Additional Units that Are Defined by Discount Control Limit Qualifier	
				<i>Use to indicate the discount as additional free units based on the number of items purchased.</i>	
M	DIS03	655		Discount Base Value	M R 1/10
				A multiplier amount used in conjunction with discount base qualifier to	

determine the value of the discount

**1. When DIS02 is code PC, use to identify the discount percentage. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).**

**2. When DIS02 is code UN, use to identify the number of free units.**

<b>M</b>	<b>DIS04</b>	<b>656</b>	<b>Discount Control Limit Qualifier</b>	<b>M ID 2/3</b>
			Code to define the units of the limits for determining discount	
			DAT Time Limits for Discount	
			<i>Use in conjunction with DIS02 code UN.</i>	
			DOF Dollars of Purchase	
			<i>Use in conjunction with DIS02 code PC.</i>	
<b>M</b>	<b>DIS05</b>	<b>657</b>	<b>Discount Control Limit</b>	<b>M N0 1/10</b>
			Amount or time associated with application of the discount	
			<i>Use to identify the base amount or quantities applicable to the discount. This is the minimum value or quantity needed to earn the discount.</i>	
	<b>DIS06</b>	<b>657</b>	<b>Discount Control Limit</b>	<b>O N0 1/10</b>
			Amount or time associated with application of the discount	
			<i>Use to identify the maximum amount or quantities applicable to the discount. When values are cited in both DIS05/06, this constitutes a range of values or quantities applicable to the cited discount.</i>	

<b>Segment:</b>	<b>DTM</b> Date/Time Reference
<b>Position:</b>	150
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	10
<b>Purpose:</b>	To specify pertinent dates and times
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of DTM02 DTM03 or DTM06 is required.</li> <li>2 If either DTM06 or DTM07 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<p><i>1. Use this 1/DTM/150 segment to identify dates that apply to the entire quote or all of the line items. When the dates vary by line item, use the 2/DTM/200 segment.</i></p> <p><i>2. This segment can be used to quote a delivery date when it is specified as an actual date. If the delivery schedule is quoted as a set time period after the occurrence of some event, use the 1/LDT/160 segment.</i></p> <p><i>3. This segment can also be used to request an extension of the quote submission date, to extend the quote expiration date, to provide the date of a FSS or other contract, or to specify the midpoint of the proposed effort.</i></p> <p><i>4. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		007	Effective	
			<i>Use with codes RD6 or RD8 in DTM06 to indicate the ordering period of an Agreement or an Indefinite Delivery Contract (IDC) award instrument. Specify the date range in DTM07.</i>	
		017	Estimated Delivery	
		036	Expiration	
			<i>Use to indicate the expiration date of a Federal Supply Schedule or contract. This relates to information provided in the 1/REF/050 segment specifically for codes CT, and W6.</i>	
		063	Do Not Deliver After	
			<i>Use to indicate deliveries cannot be made after a specified date and/or time.</i>	

064	Do Not Deliver Before <i>Use to indicate deliveries cannot be made before a specified date and/or time.</i>
069	Promised for Delivery <i>Use to indicate the exact date when the offeror proposes to make delivery.</i>
075	Promised for Delivery (Prior to and Including) <i>Use to indicate the date on or before which the offeror proposes to make delivery.</i>
078	Promised for Delivery (Week of) <i>When this code is used, cite the beginning date of the week.</i>
174	Month Ending <i>Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.</i>
193	Period Start <i>Use to indicate the start of a period of performance or lease.</i>
194	Period End <i>Use to indicate the end of a period of performance or lease.</i>
368	Submittal <i>When REF01 is code TN, use to indicate the date of a related transaction set.</i>
375	Delivery Start <i>Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified period.</i>
376	Delivery End <i>Use to indicate the end date/time for deliveries when the total quantity is to be delivered during a specified time period.</i>
800	Midpoint of Performance <i>Use to indicate the date when half the effort in terms of dollars or hours will be completed.</i>
937	Department of Labor Wage Determination Date <i>Use to indicate the date of a Department of Labor Wage Determination. If revisions or modifications are applicable to a Wage Determination, cite the date of the most recent revision or modification in DTM02.</i>



	992	Date Requested	
		<i>When BQR06 is code RT, use to indicate the extension date requested for a quote submission</i>	
DTM02	373	<b>Date</b>	<b>X DT 6/6</b>
		Date (YYMMDD)	
DTM03	337	<b>Time</b>	<b>X TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
		<i>If applicable, use to indicate the time for a delivery. Specify the time only in the HHMM format.</i>	
DTM04	623	<b>Time Code</b>	<b>O ID 2/2</b>
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		CT	Central Time
		ET	Eastern Time
		GM	Greenwich Mean Time
		LT	Local Time
		MT	Mountain Time
		PT	Pacific Time
DTM05	624	<b>Century</b>	<b>O N0 2/2</b>
		The first two characters in the designation of the year (CCYY)	
DTM06	1250	<b>Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
		Code indicating the date format, time format, or date and time format	
		<i>1. Use any code.</i>	
		<i>2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format.</i>	
		<i>3. Use also, to qualify a range of dates or times. Use of code RD6 or RD8 is preferred for expressing a date range</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
DTM07	1251	<b>Date Time Period</b>	<b>X AN 1/35</b>
		Expression of a date, a time, or range of dates, times or dates and times	
		<i>When used to identify a time range for deliveries on a specified date, use code RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.</i>	

<b>Segment:</b>	<b>LDT</b> Lead Time
<b>Position:</b>	160
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	12
<b>Purpose:</b>	To specify lead time for availability of products and services
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	1 LDT04 is the effective date of lead time information.
<b>Comments:</b>	1 LDT02 is the quantity of unit of time periods.
<b>Notes:</b>	<p><i>1. Use this 1/LDT/160 segment when the quote delivery schedule applies to all of the line items and there will be only one delivery of the total quantity. If the quote delivery schedule varies by line item or more than one delivery will be required for the total quantity, use the 2/LDT/394 loop. If the quote delivery schedule differs by ship-to addressee, use the 2/LDT/550 loop.</i></p> <p><i>2. Use this segment when the delivery schedule is expressed as a set time period after the occurrence of some event. The previous DTM segment is used when the delivery date is an actual date.</i></p> <p><i>3. This segment can also be used to indicate the length of the quote acceptance period allowed by the offeror or to specify when the midpoint of the proposed effort will be reached.</i></p> <p><i>4. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the time range	
		AD	From date of sample approval to first product shipment	
		AP	From Date of Award to Midpoint of Effort	
		AT	From Bid Opening to Expiration of Bid	
			<i>Use to indicate the bid acceptance period allowed by the offeror with the bid opening date as the basis.</i>	
		AU	From Required-By Date to Expiration Date	
			<i>Use to indicate the bid acceptance period allowed by the offeror with the bid due date as the basis.</i>	
		AV	From Date of Award to Date of Latest Delivery	
		AW	From Date of Award to Date of Earliest Delivery	
		AX	From Date of Award to Date of Completion	

				<i>Use to indicate the completion date, e.g., for a level of effort.</i>	
				AY	From Date of Award to Date of Delivery
				AZ	From Date of Receipt of Item to Date of Approval of Item
<b>M</b>	<b>LDT02</b>	<b>380</b>	<b>Quantity</b>		<b>M R 1/15</b>
				Numeric value of quantity	
<b>M</b>	<b>LDT03</b>	<b>344</b>	<b>Unit of Time Period or Interval</b>		<b>M ID 2/2</b>
				Code indicating the time period or interval	
				CY	Calendar Year
				DA	Calendar Days
				KK	Maximum Calendar Days
				<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>	
				MO	Month
				QY	Quarter of a Year
				SA	Semiannual
				WK	Weeks
	<b>LDT04</b>	<b>373</b>	<b>Date</b>		<b>O DT 6/6</b>
				Date (YYMMDD)	
				<i>Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.</i>	

<b>Segment:</b>	<b>MEA</b> Measurements
<b>Position:</b>	200
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	40
<b>Purpose:</b>	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.</li> <li>2 If MEA05 is present, then MEA04 is required.</li> <li>3 If MEA06 is present, then MEA04 is required.</li> <li>4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.</li> <li>5 Only one of MEA08 or MEA03 may be present.</li> </ol>
<b>Semantic Notes:</b>	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
<b>Comments:</b>	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
<b>Notes:</b>	<p><i>1. Use this 1/MEA/200 segment to provide information that applies to all of the line items. If the information varies by line item, use the 2/MEA/049 segment.</i></p> <p><i>2. This segment can be used to specify the variations in quantity permitted; for a requirements or an indefinite quantity type award instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the government and the contractor; and warranty periods.</i></p> <p><i>3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	
MEA01	737 Measurement Reference ID Code	O ID 2/2

Code identifying the broad category to which a measurement applies

*Use any code.*

***BT Batch Limits***

*Use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or indefinite quantity type award instrument, a task order or a delivery order depending on the code cited in BQT06 of the 840 solicitation. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.*

***CT Counts***

*Use to indicate variations in quantity when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.*

**DE Defects**

*Use to indicate a warranty period.*

**LT Lot Limits**

*Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.*

**OL Order Limits**

*Use to indicate the maximum that the government may order from a requirements or an indefinite quantity type award instrument in a specified time period. Do not use for a purchase order or delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.*

**PM Permitted**

*Use to indicate the minimum and maximum quantity or dollars that are permitted per order against a requirements or an indefinite quantity type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**MEA02      738      Measurement Qualifier      O      ID 1/3**

Code identifying a specific product or process characteristic to which a measurement applies

*Use any code other than code ZZZ.*

**MX Maximum**

*When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.*

**PO Percent of Order (-, +)**

*Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.*

**RY Ratio**

*Use to indicate the proposed share ratio for an incentive or cost sharing contract. Identify the proposed Government share in MEA05 and the proposed contractor share in MEA06.*

			<b><i>TT Time</i></b> <i>Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-C00101.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	
	MEA03	739	Measurement Value	X R 1/20
			The value of the measurement	
	MEA04	C001	Composite Unit of Measure	X
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
			<b><i>1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or an indefinite quantity type award instrument.</i></b>  <b><i>2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA and MEA04- C00104 would cite code Q1.</i></b>	
M	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<b><i>1. Use any code other than code ZZ.</i></b>  <b><i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i></b>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<b><i>1. Use any code other than code ZZ.</i></b>  <b><i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i></b>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner	

			in which a measurement has been taken	
Not Used	C00108	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	MEA05	740	<b>Range Minimum</b>	X R 1/20
			The value specifying the minimum of the measurement range	
			<i>1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under.</i>	
			<i>2. When MEA02 is RY, use to specify the proposed Government share.</i>	
			<i>3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.</i>	
			<i>4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
	MEA06	741	<b>Range Maximum</b>	X R 1/20
			The value specifying the maximum of the measurement range	
			<i>1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity over.</i>	
			<i>2. When MEA02 is RY, use to specify the proposed contractor share.</i>	
			<i>3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.</i>	
			<i>4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	

<b>Not Used</b>	<b>MEA07</b>	<b>935</b>	<b>Measurement Significance Code</b> Code used to benchmark, qualify or further define a measurement value	<b>O ID 2/2</b>
<b>Not Used</b>	<b>MEA08</b>	<b>936</b>	<b>Measurement Attribute Code</b> Code used to express an attribute response when a numeric measurement value cannot be determined	<b>X ID 2/2</b>
<b>Not Used</b>	<b>MEA09</b>	<b>752</b>	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	<b>O ID 2/2</b>
<b>Not Used</b>	<b>MEA10</b>	<b>1373</b>	<b>Measurement Method or Device</b> The method or device used to record the measurement	<b>O ID 2/4</b>



<b>Segment:</b>	<b>PWK</b> Paperwork
<b>Position:</b>	210
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To identify the type and transmission of paperwork or supporting information
<b>Syntax Notes:</b>	1 If either PWK05 or PWK06 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 PWK05 and PWK06 may be used to identify the addressee by a code number. 2 PWK07 may be used to indicate special information to be shown on the specified report. 3 PWK08 may be used to indicate action pertaining to a report.
<b>Notes:</b>	<i>1. Use this 1/PWK/210 segment, when needed, to indicate either paperwork required in the Request for Quote (PWK segment in the 840), or other paperwork applicable to the quote is being provided by means other than within this transaction set. If there is paperwork applicable to a specific line item, use the 2/PWK/070 segment.</i>  <i>2. Use this segment to provide information essential to the quote.</i>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PWK01	755 Report Type Code	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		<i>Use to identify the type of paperwork the offeror is providing.</i>	
	25	Purchase Plan	
		<i>Use to indicate a make or buy plan.</i>	
	35	Subcontractor Plan	
	AE	Attachment	
		<i>Use to indicate some additional type document is being provided by means other than within the transaction set. Specify the nature of the document in PWK07.</i>	
	C1	Cost Data Summary	
		<i>Use to indicate non-certified cost and price data.</i>	
	C5	Certified Cost and Price Data	
	C6	Wage Determination	
		<i>When used identify the Wage Determination number in the 1/REF/050 segment using code 2Y in REF01.</i>	
	DW	Drawing(s)	

	IT	Certified Inspection and Test Results <i>Use to indicate test results for a Qualified Bidders List (QBL), Qualified Manufacturers List (QML), or Qualified Product List (QPL) item.</i>
	MS	Material Safety Data Sheet
	PJ	Purchasing Specification <i>Use to indicate a statement of work.</i>
	PM	Proof of Insurance
	SD	Support Data for a Request for Quote <i>Use to indicate that supporting technical documentation, e.g., technical proposal, etc. are being provided. Use of this code is required when BQR06 is code AB.</i>
	TJ	Asset Status Advice <i>Use to indicate a construction bid bond.</i>
	UA	Union Agreement
	US	"BUY AMERICA" Certification of Compliance
PWK02	756	<b>Report Transmission Code</b> <span style="float:right"><b>O ID 1/2</b></span> Code defining timing, transmission method or format by which reports are to be sent <i>While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.</i>
	BE	By Mail and Electronically <i>Use to indicate E-Mail.</i>
	BM	By Mail <i>Use to indicate transmittal via the United States Postal Service (USPS).</i>
	CF	Courier <i>Use to indicate transmittal via commercial express courier.</i>
	DA	Data <i>Use to indicate other forms of electronic transfer. When used, identify the other form in PWK07.</i>
	EL	Electronically Only <i>Use to indicate that data was sent by a separate Electronic Data Interchange (EDI) transaction set. When used, identify the unique number of the transaction set in REF02 of the 1/REF/050 segment citing code TN in REF01.</i>
	FX	By Fax
	IA	Electronic Image

			<i>Use to indicate the World Wide Web. When used, provide the Universal Resource Locator (URL) where information is to be obtained in PWK07.</i>	
Not Used	PWK03	757	<b>Report Copies Needed</b>	<b>O N0 1/2</b>
			The number of copies of a report that should be sent to the addressee	
	PWK04	98	<b>Entity Identifier Code</b>	<b>O ID 2/2</b>
			Code identifying an organizational entity, a physical location, or an individual	
			<i>Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in the 1/N1/310 segment and/or the recipient communication number in the 1/PER/360 segment.</i>	
			BY	Buying Party (Purchaser)
			<i>Use to indicate the contracting officer.</i>	
			IS	Party to Receive Certified Inspection Report
			<i>Use when PWK01 is code IT.</i>	
			KF	Audit Office
			KG	Project Manager
			<i>Use to indicate the government party responsible for a project.</i>	
			KY	Technical Office
Not Used	PWK05	66	<b>Identification Code Qualifier</b>	<b>X ID 1/2</b>
			Code designating the system/method of code structure used for Identification Code (67)	
Not Used	PWK06	67	<b>Identification Code</b>	<b>X AN 2/20</b>
			Code identifying a party or other code	
	PWK07	352	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
			<i>1. Use, only if necessary, to identify additional information related to a specific paperwork item.</i>	
			<i>2. When PWK02 is code DA, use to identify the other form of electronic transfer.</i>	
			<i>3. When PWK02 is code IA, used to identify the URL.</i>	
			<i>4. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
Not Used	PWK08	C002	<b>Actions Indicated</b>	<b>O</b>
			Actions to be performed on the piece of paperwork identified	
Not Used	C00201	704	<b>Paperwork/Report Action Code</b>	<b>M ID 1/2</b>

			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required
			Refer to 003050 Data Element Dictionary for acceptable code values.
<b>Not Used</b>	<b>C00202</b>	<b>704</b>	<b>Paperwork/Report Action Code</b> <b>O ID 1/2</b> Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required
<b>Not Used</b>	<b>C00203</b>	<b>704</b>	<b>Paperwork/Report Action Code</b> <b>O ID 1/2</b> Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required
<b>Not Used</b>	<b>C00204</b>	<b>704</b>	<b>Paperwork/Report Action Code</b> <b>O ID 1/2</b> Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required
<b>Not Used</b>	<b>C00205</b>	<b>704</b>	<b>Paperwork/Report Action Code</b> <b>O ID 1/2</b> Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

<b>Segment:</b>	<b>PKG</b> Marking, Packaging, Loading
<b>Position:</b>	220
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To describe marking, packaging, loading, and unloading requirements
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 PKG04 should be used for industry-specific packaging description codes.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. <i>Use this 1/PKG/220 segment to identify packaging requirements that apply to all of the line items. If the packaging requirements apply to all of the line items to be delivered to a named entity, use the 1/PKG/420 segment. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/530 segment if the packaging requirements are applicable to a named entity.</i></li> <li>2. <i>Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.</i></li> <li>3. <i>Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></li> </ol>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	
<b>PKG01</b>	<b>349</b> <b>Item Description Type</b>	<b>X</b> <b>ID 1/1</b>
	Code indicating the format of a description	
	F Free-form	
	S Structured (From Industry Code List)	
	X Semi-structured (Code and Text)	
<b>PKG02</b>	<b>753</b> <b>Packaging Characteristic Code</b>	<b>O</b> <b>ID 1/5</b>
	Code specifying the marking, packaging, loading and related characteristics being described	
	<i>Use the listed codes to identify applicable packaging requirements.</i>	
	CD Cleaning or Drying Procedure	

CT	Cushioning Thickness
CUD	Cushioning and Dunnage
HM	Hazardous Material
IC	Intermediate Container
LP	Level Of Preservation
OPI	Optional Procedure Indicator
PK	Packing

*When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, Army Post Office (APO)/Fleet Post Office (FPO), or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per American Society for Testing and Materials (ASTM) D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.*

PM	Preservation Method
PML	Preservation Material
SMK	Special Marking
UC	Unit Container
UCL	Unit Container Level
WM	Wrapping Material

**PKG03      559      Agency Qualifier Code      X      ID 2/2**

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)
GS	General Services Administration (GSA)
ZZ	Mutually Defined

*Use to indicate a federal activity other than DoD or GSA.*

**PKG04      754      Packaging Description Code      X      AN 1/7**

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

*The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).*

**PKG05      352      Description      X      AN 1/80**

A free-form description to clarify the related data elements and their content

*1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an*

*explanation.*

*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

<b>Not Used</b>	<b>PKG06</b>	<b>400</b>	<b>Unit Load Option Code</b>	<b>X</b>	<b>ID 2/2</b>
Code identifying loading or unloading a shipment					

<b>Segment:</b>	<b>TD5</b> <b>Carrier Details (Routing Sequence/Transit Time)</b>
<b>Position:</b>	240
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	12
<b>Purpose:</b>	To specify the carrier and sequence of routing and provide transit time information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.</li> <li>2 If TD502 is present, then TD503 is required.</li> <li>3 If TD507 is present, then TD508 is required.</li> <li>4 If TD510 is present, then TD511 is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.</li> </ol>
<b>Notes:</b>	<p><i>1. Use this 1/TD5/240 segment to identify the transportation method that is applicable to all of the line items. If the transportation method applies to all of the line items to be delivered to a named entity, use the 1/TD5/390 segment. If the transportation method varies by line item, use the 2/TD5/250 or the 2/TD5/500 segment when the transportation method is applicable to a named entity.</i></p> <p><i>2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	TD501	133 Routing Sequence Code	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement	
Not Used	TD502	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
Not Used	TD503	67 Identification Code	X AN 2/20
		Code identifying a party or other code	
	TD504	91 Transportation Method/Type Code	X ID 1/2
		Code specifying the method or type of transportation for the shipment	
		<i>1. Use any code other than code ZZ.</i>	
		<i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i>	
		<i>D Parcel Post</i>	



***Use to indicate the US Postal Service and not a private carrier.***

Refer to 003050 Data Element Dictionary for acceptable code values.

<b>Not Used</b>	<b>TD505</b>	<b>387</b>	<b>Routing</b>	<b>X</b>	<b>AN 1/35</b>
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		
<b>Not Used</b>	<b>TD506</b>	<b>368</b>	<b>Shipment/Order Status Code</b>	<b>X</b>	<b>ID 2/2</b>
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction		
<b>Not Used</b>	<b>TD507</b>	<b>309</b>	<b>Location Qualifier</b>	<b>O</b>	<b>ID 1/2</b>
			Code identifying type of location		
<b>Not Used</b>	<b>TD508</b>	<b>310</b>	<b>Location Identifier</b>	<b>X</b>	<b>AN 1/30</b>
			Code which identifies a specific location		
<b>Not Used</b>	<b>TD509</b>	<b>731</b>	<b>Transit Direction Code</b>	<b>O</b>	<b>ID 2/2</b>
			The point of origin and point of direction		
<b>Not Used</b>	<b>TD510</b>	<b>732</b>	<b>Transit Time Direction Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code specifying the value of time used to measure the transit time		
<b>Not Used</b>	<b>TD511</b>	<b>733</b>	<b>Transit Time</b>	<b>X</b>	<b>R 1/4</b>
			The numeric amount of transit time		
	<b>TD512</b>	<b>284</b>	<b>Service Level Code</b>	<b>X</b>	<b>ID 2/2</b>
			Code defining service		

***Use any code other than code ZZ.***

Refer to 003050 Data Element Dictionary for acceptable code values.

**Segment:** **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)

**Position:** 260

**Loop:**

**Level:** Heading

**Usage:** Optional

**Max Use:** 5

**Purpose:** To specify transportation special handling requirements, or hazardous materials information, or both

**Syntax Notes:**

- 1 At least one of TD401 TD402 or TD404 is required.
- 2 If TD402 is present, then TD403 is required.

**Semantic Notes:**

**Comments:**

**Notes:**

1. Use this 1/TD4/260 segment to provide special handling or hazardous material information when it applies to all of the line items. Use the 1/TD4/410 segment when the special handling or hazardous material information applies to all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/520 if the information is applicable to a named entity.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i>	
		AMM A.M. Delivery Requirement	
		DA Dangerous	
		EX Explosive Flammable Gas	
		FG Flammable Gas	
		FL Flammable	
		FP Flammable Poison Gas	
		HM Endorsed as Hazardous Material	
		LT Less Than Full Carload	
		LTT Less Than Truckload	
		PG Poisonous Gas	
		PMM P.M. Delivery Requirement	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	

		Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>TD403</b>	<b>209</b>	<b>Hazardous Material Class Code</b>	<b>X AN 2/4</b>
		Code specifying the kind of hazard for a material	
<b>TD404</b>	<b>352</b>	<b>Description</b>	<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content	
		<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

<b>Segment:</b>	<b>N9</b> Reference Number
<b>Position:</b>	290
<b>Loop:</b>	N9 Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of N902 or N903 is required.</li> <li>2 If N906 is present, then N905 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 N906 reflects the time zone which the time reflects.</li> </ol>
<b>Comments:</b>	
<b>Notes:</b>	<p><i>1. Use this 1/N9/290 loop to provide required information that is applicable to the entire quote. To provide information applicable to a line item, use the 2/N9/400 loop.</i></p> <p><i>2. Use this loop to provide certifications, representations and other fill-in information, as required in the solicitation (RRA segment) 840 transaction set, that is not provided elsewhere in the transaction set; to provide explanations when BQR06 is either code DQ or UQ; to specify exceptions (BQR06 is code BW) being taken to some item in the solicitation that cannot be provided elsewhere in the transaction set, or to provide values applicable to incentive or cost sharing award instruments.</i></p> <p><i>3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.</i></p> <p><i>4. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and date MUST be cited in the following MSG segment.</i></p> <p><i>5. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128 Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		55 Sequence Number	
		<i>When BQR06 is code DQ or UQ, use to indicate an explanation is being provided in the following MSG segment. Insert the word "Explanation" in N903 when using this code.</i>	
		BB Authorization Number	
		<i>Use to indicate the Code of Federal Regulations.</i>	

CJ	Clause Number <i>Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFARS, etc.). Identify the purchasing activity issuing the clause in N903.</i>
DF	Defense Federal Acquisition Regulations (DFAR)
DX	Department/Agency Number <i>Use to indicate an Agency Clause and identify the agency in N903.</i>
EC	Circular <i>Use to indicate an Office of Management and Budget (OMB) Circular number.</i>
FA	Federal Acquisition Regulations (FAR)
GS	General Services Administration Regulations (GSAR)
KR	Response to a Request for Quotation Reference <i>Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.</i>
KT	Request for Quotation Reference <i>When BQR06 is code BW, use to indicate exceptions are being taken to items in the solicitation and are specified in the following MSG segment. Insert the word "Exception" in N903 when this code is used.</i>
KY	Site Specific Procedures, Terms, and Conditions
KZ	Master Solicitation Procedures, Terms, and Conditions <i>Use to indicate the Master Solicitation number that contains terms and conditions that pertain to the solicitation.</i>
L1	Letters or Notes <i>Use to indicate general information, comments, or notes are being provided by the bidder in the following MSG segment. Insert the word "Note" in N903 when this code is used.</i>
VB	Department of Veterans Affairs Acquisition Regulations (VAAR)
ZZ	Mutually Defined <i>Use to indicate that amounts applicable to incentive or cost sharing award instruments are being provided in the MSG segment. When used, insert the word "Amounts" in N903.</i>

**N902      127      Reference Number      X      AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	<b>N903</b>	<b>369</b>	<b>Free-form Description</b>	<b>X AN 1/45</b>
			Free-form descriptive text	
			<p><i>1. When N901 is code 55, cite the word "Explanation"; when N901 is code KT, cite the word "Exception; when N901 is code LI, cite the word "Note"; when N901 is code ZZ, insert the word "Amounts"; when N901 is code CJ, or DX, identify the purchasing activity or agency issuing the clause cited in N902.</i></p> <p><i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i></p>	
	<b>N904</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>
			Date (YYMMDD)	
			<p><i>Use to identify the date of the clause cited in N902. The DD portion of the date will always be 01.</i></p>	
<b>Not Used</b>	<b>N905</b>	<b>337</b>	<b>Time</b>	<b>X TM 4/8</b>
			<p>Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</p>	
<b>Not Used</b>	<b>N906</b>	<b>623</b>	<b>Time Code</b>	<b>O ID 2/2</b>
			<p>Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow</p>	

<b>Segment:</b>	<b>MSG</b> Message Text
<b>Position:</b>	300
<b>Loop:</b>	N9 Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1000
<b>Purpose:</b>	To provide a free form format that would allow the transmission of text information.
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Notes:** *1. This segment may be used when N901 is code KR, to provide a certification, representation or other fill-in information required by the clause or paragraph number cited in N902; when N901 is code L1 to provide general comments or notes; when N901 is code 55 to provide an explanation for not submitting a quote; when N901 is code KT, to identify exceptions being taken to some portion of the solicitation; or when N901 is code ZZ, to identify amounts applicable to incentive or cost sharing award instruments.*

*2. When providing a certification, representation or other fill-in information, the following format is recommended:*

*a) In the first iteration of the segment, cite the clause title, and the clause alternate identifier if applicable, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.*

*b) For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.*

*3. The purpose of the pipe sign (|) is to provide an indication to receiving applications that the data string related to a single entry has been completed.*

*An example of a clause with 3 fill-ins follows:*

*MSG\*Taxpayer Identification|3/  
MSG\*1. TIN has been applied for/  
MSG\*2. Other corporate entity/  
MSG\*3. Offeror is not owned or controlled by a common parent as identified  
in paragraph (a) of this clause/*

*4. An example alternative format provides all fill-in information within the title MSG segment as follows:*

*MSG\*Taxpayer Identification /3/ TIN has been applied for/ Other corporate entity/ Offeror is not owned or controlled by a common parent as identified in paragraph (a) of this clause/*

*5. Use this segment to provide information essential to the quote.*

#### Data Element Summary

	<b>Ref. <u>Des.</u></b>	<b>Data <u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
<b>M</b>	<b>MSG01</b>	<b>933</b>	<b>Free-Form Message Text</b> Free-form message text	<b>M AN 1/264</b>
<b>Not Used</b>	<b>MSG02</b>	<b>934</b>	<b>Printer Carriage Control Code</b> A field to be used for the control of the line feed of the receiving printer	<b>O ID 2/2</b>



<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	310
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of N102 or N103 is required.</li> <li>2 If either N103 or N104 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>2 N105 and N106 further define the type of entity in N101.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. <i>Use this 1/N1/310 loop to identify entities or locations that apply to all of the line items. If information varies by line item, use the 2/N1/420 loop.</i></li> <li>2. <i>Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segment N2 through N4 as applicable when address information cannot be provided using one of the codes listed in N103.</i></li> <li>3. <i>At least 2 repetitions of this are REQUIRED using codes BY and SE in N101.</i></li> <li>4. <i>Use this segment to provide information essential to the quote.</i></li> </ol>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		28 Subcontractor	
			<i>Use to provide the name and address of a subcontractor, if applicable, e.g., when the solicitation included a Contract Security Classification Specification (DD Form 254).</i>
		31 Postal Mailing Address	
			<i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party on N102 and the N2 segment, if necessary.</i>
		61 Performed At	

	<i>Use to indicate additional places of performance, if applicable.</i>
7M	Inspection and Acceptance Location <i>Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i>
AE	Additional Delivery Address <i>Use to indicate a ship in-place location.</i>
AG	Agent/Agency <i>Use this code to indicate the entity is responding on behalf of a company named in a previous iteration of the N1 loop.</i>
BY	Buying Party (Purchaser)
DL	Dealer <i>Use to indicate a dealer or reseller of products.</i>
DS	Distributor <i>Use to indicate a distributor of products.</i>
DZ	Delivery Zone <i>1. Use to indicate an area to which deliveries are expected to be made under a requirements or an indefinite delivery type award instrument. Specify the zone in N104 (e.g., 10, 11, 12, etc., must be a minimum of 2 positions) using code ZN in N103 and identify the states or countries that comprise the zone in N402 or N404. The zone number will be cited in CTP10 and the price associated with delivery to that zone will be specified in CTP03.</i>  <i>2. If the FOB point varies by delivery zone or by locations within a delivery zone, identify the FOB point in the 1/N4/340 segment.</i>
FA	Facility <i>Use to indicate the principal place of performance when other than the address identified with code SE.</i>
IC	Intermediate Consignee <i>When FOB02 is code IT, use to indicate a freight forwarder.</i>
IS	Party to Receive Certified Inspection Report
K1	Contractor Cognizant Security Office <i>Use this code only if the solicitation included the Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name</i>

	<i>and address of the contractor cognizant security office.</i>
K2	Subcontractor Cognizant Security Office <i>Use this code only if the solicitation included a Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name and address of the subcontractor cognizant security office.</i>
K3	Place of Performance Cognizant Security Office <i>Use this code only if the solicitation included a Contract Security Classification Specification (DD Form 254) and the offeror is to provide the name and address of the place of performance cognizant security office.</i>
KF	Audit Office
KG	Project Manager <i>Use to indicate the selling party's representative for a project.</i>
KX	Free on Board Point <i>Use to indicate the FOB point when it has to be described by a specific address rather than as a code value indicating either origin or destination. Applicable when FOB02 is code KE, KL, or ZZ.</i>
KY	Technical Office <i>Use to indicate the technical office that has cognizance over the technical portion of a solicitation if it is intended for bidders to deal directly with this entity.</i>
KZ	Acceptance Location <i>Use to indicate the acceptance location is proposed at other than origin or destination.</i>
L1	Inspection Location <i>Use to indicate the inspection location when it has to be described as an address.</i>
RI	Remit To <i>Use to indicate the place to send remittance when it is different than the contractor's address, e.g., a bank, financial office location, etc.</i>
SE	Selling Party
ST	Ship To <i>Use this code when a different delivery schedule associated with a named entity is being proposed. If the address is an FPO or APO, cite the FPO or</i>

			<i>APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.</i>	
		SV	Service Performance Site	
			<i>Use to indicate the location where service for a product can be obtained.</i>	
		X2	Party to Perform Packaging	
<b>N102</b>	<b>93</b>	<b>Name</b>		<b>X AN 1/35</b>
			Free-form name	
<b>N103</b>	<b>66</b>	<b>Identification Code Qualifier</b>		<b>X ID 1/2</b>
			Code designating the system/method of code structure used for Identification Code (67)	
			<i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>	
		1	D-U-N-S Number, Dun & Bradstreet	
			<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity. Use of this code is required when N101 is code SE.</i>	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
		10	Department of Defense Activity Address Code (DODAAC)	
			<i>Use to indicate a DoD or Civilian Agency Activity Address Code.</i>	
		33	Commercial and Government Entity (CAGE)	
			<i>Use to indicate a commercial entity.</i>	
		A2	Military Assistance Program Address Code (MAPAC)	
		ZN	Zone	
			<i>Use in conjunction with N101 code DZ.</i>	
<b>N104</b>	<b>67</b>	<b>Identification Code</b>		<b>X AN 2/20</b>
			Code identifying a party or other code	
			<i>When N103 is code ZN, cite one of the following:</i>	
			<i>a. A delivery zone designation, e.g., 01, 10, 1a, etc.</i>	
			<i>b. The word "CONUS" to specify all points within the continental United States that are not otherwise identified within a zone.</i>	
			<i>c. The word "WORLD" to specify all points outside the continental United States that are not otherwise identified within a zone.</i>	

<b>Not Used</b>	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b> Code describing entity relationship	<b>O ID 2/2</b>
<b>Not Used</b>	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual	<b>O ID 2/2</b>

**Segment:** **N2 Additional Name Information**  
**Position:** 320  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	N201	93 Name	M	AN 1/35
		Free-form name		
	N202	93 Name	O	AN 1/35
		Free-form name		

**Segment:** **N3** Address Information  
**Position:** 330  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

<b>Segment:</b>	<b>N4 Geographic Location</b>
<b>Position:</b>	340
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify the geographic place of the named party
<b>Syntax Notes:</b>	1 If N406 is present, then N405 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	<p>1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.</p> <p>2 N402 is required only if city name (N401) is in the USA or Canada.</p>
<b>Notes:</b>	<p>1. <i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i></p> <p>2. <i>When N101 is code DZ and N104 does not cite the words "CONUS" or "WORLD", this segment may be used to identify locations within a delivery zone and the FOB point if it varies by delivery zone or locations within a delivery zone.</i></p>

## Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
<b>N401</b>	<b>19 City Name</b>	<b>O AN 2/30</b>
	Free-form text for city name	
<b>N402</b>	<b>156 State or Province Code</b>	<b>O ID 2/2</b>
	Code (Standard State/Province) as defined by appropriate government agency	
<b>N403</b>	<b>116 Postal Code</b>	<b>O ID 3/11</b>
	Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
<b>N404</b>	<b>26 Country Code</b>	<b>O ID 2/3</b>
	Code identifying the country	
	<i>Cite the two position ISO 3166 country code.</i>	
<b>N405</b>	<b>309 Location Qualifier</b>	<b>X ID 1/2</b>
	Code identifying type of location	
	<i>1. When N101 is code DZ and the 1/FOB/080 segment is not used to identify the FOB point, use to specify the FOB point for a delivery zone or for a location within a zone.</i>	
	<i>2. When N101 is code ST, use to specify an APO or FPO location, if applicable.</i>	
	AR	Armed Services Location Designation
		<i>Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).</i>



DE	Destination (Shipping)
OR	Origin (Shipping Point)
ZN	Zone Code

*When it is necessary to associate the entity identified in N101 with a delivery zone, use this code in conjunction with an appropriate N101 code (e.g., DL, DS, SV, etc).*

ZZ	Mutually Defined
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*Use to indicate an FOB point other than origin or destination. Identify the FOB point in N406.*

N406	310	Location Identifier	O	AN 1/30
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Code which identifies a specific location

*1. When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).*

*2. When N405 is code ZZ, use to identify the location of the other FOB point. Cite the 5 position United Nations code for ports and other locations (UN/LOCODE) in accordance with the United Nations Location Code Manual.*

**Segment:** **PER** Administrative Communications Contact

**Position:** 360

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** >1

**Purpose:** To identify a person or office to whom administrative communications should be directed

**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:****Comments:****Notes:**

*1. Use this segment to provide the names and titles of individuals associated with the entity cited in the same N1 loop.*

*2. When BQR01 is code 00 and N1 is code SE, use of this segment is **REQUIRED** citing code AA. Codes AF, CE and KA also should be used when applicable.*

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		AA	Authorized Representative
			<i>When N101 is code SE, use to indicate the person authorized by the offeror to contractually and legally bind the entity.</i>
		AF	Authorized Financial Contact
			<i>Use in conjunction with N101 code SE to identify the individual in the offeror's company who is responsible for cost and price data.</i>
		BD	Buyer Name or Department
			<i>Use in conjunction with N101 code BY.</i>
		CE	Certifier
			<i>Use in conjunction with N101 code SE.</i>
		IC	Information Contact
			<i>Use in conjunction with an applicable N101 code to indicate an information point of contact when no other code applies.</i>
		KA	Authorized Negotiator
			<i>Use in conjunction with N101 code SE.</i>
		ME	Manufacturing

				<i>Use in conjunction with N101 code SE to indicate the manufacturing point of contact.</i>
			PP	Program Manager
				<i>Use in conjunction with N101 code KG.</i>
			SU	Supplier Contact
				<i>Use in conjunction with N101 code SE to indicate a contact within the offeror's organization.</i>
<b>Must Use</b>	<b>PER02</b>	<b>93</b>	<b>Name</b>	<b>O AN 1/35</b>
			Free-form name	
				<i>Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>
<b>Must Use</b>	<b>PER03</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number	
			AU	Defense Switched Network
			EM	Electronic Mail
			FX	Facsimile
			IT	International Telephone
				<i>Include the country code.</i>
			TE	Telephone
				<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>
<b>Must Use</b>	<b>PER04</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	
				<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>
	<b>PER05</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number	
				<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 could cite a FAX number.</i>
			AU	Defense Switched Network
			EM	Electronic Mail
			EX	Telephone Extension
				<i>Use, if applicable, to provide an extension number when PER03 is code AU or TE.</i>
			FX	Facsimile
			IT	International Telephone
				<i>Include the country code.</i>

		TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
PER06	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>		
PER07	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		<i>Use to identify a third communications number for the party cited in PER02.</i>		
		AU	Defense Switched Network	
		EM	Electronic Mail	
		EX	Telephone Extension	
			<i>Use, if applicable, to provide an extension number when PER03 is code AU or TE.</i>	
		FX	Facsimile	
		IT	International Telephone	
			<i>Include the country code.</i>	
		TE	Telephone	
			<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
PER08	364	Communication Number	X	AN 1/80
		Complete communications number including country or area code when applicable		
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>		
PER09	443	Contact Inquiry Reference	O	AN 1/20
		Additional reference number or description to clarify a contact number		
		<i>1. Use, if necessary, to provide the title of the individual cited in PER02.</i>		
		<i>2. This data element is REQUIRED when PER01 is code AA, CE, or KA.</i>		

**Segment: TD5 Carrier Details (Routing Sequence/Transit Time)****Position:** 390**Loop:** N1 Optional**Level:** Heading**Usage:** Optional**Max Use:** 12**Purpose:** To specify the carrier and sequence of routing and provide transit time information

**Syntax Notes:**

- 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.

**Semantic Notes:**

**Comments:**

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

**Notes:**

1. Use this 1/TD5/390 segment when the transportation method is the same for all of the line items being shipped to a named entity. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD5/500 segment when the information is applicable to a named entity.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	
Not Used	TD501	133 <b>Routing Sequence Code</b>	O ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement	
Not Used	TD502	66 <b>Identification Code Qualifier</b>	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
Not Used	TD503	67 <b>Identification Code</b>	X AN 2/20
		Code identifying a party or other code	
	TD504	91 <b>Transportation Method/Type Code</b>	X ID 1/2
		Code specifying the method or type of transportation for the shipment	
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to X12 codes.	
		<b>D Parcel Post</b>	
		Use to indicate the US Postal Service and not a private carrier.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	

Not Used	TD505	387	<b>Routing</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X	AN 1/35
Not Used	TD506	368	<b>Shipment/Order Status Code</b> Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	X	ID 2/2
Not Used	TD507	309	<b>Location Qualifier</b> Code identifying type of location	O	ID 1/2
Not Used	TD508	310	<b>Location Identifier</b> Code which identifies a specific location	X	AN 1/30
Not Used	TD509	731	<b>Transit Direction Code</b> The point of origin and point of direction	O	ID 2/2
Not Used	TD510	732	<b>Transit Time Direction Qualifier</b> Code specifying the value of time used to measure the transit time	O	ID 2/2
Not Used	TD511	733	<b>Transit Time</b> The numeric amount of transit time	X	R 1/4
	TD512	284	<b>Service Level Code</b> Code defining service	X	ID 2/2
<b><i>Use any code other than code ZZ.</i></b>					
Refer to 003050 Data Element Dictionary for acceptable code values.					

**Segment:** **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)

**Position:** 410

**Loop:** N1 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 5

**Purpose:** To specify transportation special handling requirements, or hazardous materials information, or both

**Syntax Notes:** 1 At least one of TD401 TD402 or TD404 is required.  
2 If TD402 is present, then TD403 is required.

**Semantic Notes:**

**Comments:**

**Notes:**

1. Use this 1/TD4/410 segment to identify special handling or hazardous material information that is the same for all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/520 segment if the information is applicable to a named entity.
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i>	
		AMM A.M. Delivery Requirement	
		DA Dangerous	
		EX Explosive Flammable Gas	
		FG Flammable Gas	
		FL Flammable	
		FP Flammable Poison Gas	
		HM Endorsed as Hazardous Material	
		LT Less Than Full Carload	
		LTT Less Than Truckload	
		PG Poisonous Gas	
		PMM P.M. Delivery Requirement	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4

<b>TD404</b>	<b>352</b>	<p data-bbox="583 197 1130 226">Code specifying the kind of hazard for a material</p> <p data-bbox="583 239 722 268"><b>Description</b></p> <p data-bbox="1248 239 1398 268"><b>X AN 1/80</b></p> <p data-bbox="583 281 1344 344">A free-form description to clarify the related data elements and their content</p> <p data-bbox="583 357 1398 424"><i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i></p>
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<b>Segment:</b>	<b>PKG</b> Marking, Packaging, Loading
<b>Position:</b>	420
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To describe marking, packaging, loading, and unloading requirements
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 PKG04 should be used for industry-specific packaging description codes.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. <i>Use this 1/PKG/420 segment when the packaging requirements are the same for all the line items to be delivered to a named entity. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/530 segment if the packaging requirements are applicable to a named entity.</i></li> <li>2. <i>Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.</i></li> <li>3. <i>Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></li> </ol>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	
<b>PKG01</b>	<b>349</b> <b>Item Description Type</b>	<b>X</b> <b>ID 1/1</b>
	Code indicating the format of a description	
	F Free-form	
	S Structured (From Industry Code List)	
	X Semi-structured (Code and Text)	
<b>PKG02</b>	<b>753</b> <b>Packaging Characteristic Code</b>	<b>O</b> <b>ID 1/5</b>
	Code specifying the marking, packaging, loading and related characteristics being described	
	<i>Use the listed codes to identify the applicable packaging requirements.</i>	
	CD Cleaning or Drying Procedure	
	CT Cushioning Thickness	

		CUD	Cushioning and Dunnage	
		HM	Hazardous Material	
		IC	Intermediate Container	
		LP	Level Of Preservation	
		OPI	Optional Procedure Indicator	
		PK	Packing	
			<i>When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.</i>	
		PM	Preservation Method	
		PML	Preservation Material	
		SMK	Special Marking	
		UC	Unit Container	
		UCL	Unit Container Level	
		WM	Wrapping Material	
<b>PKG03</b>	<b>559</b>	<b>Agency Qualifier Code</b>		<b>X ID 2/2</b>
		Code identifying the agency assigning the code values		
		DF	Department of Defense (DoD)	
		GS	General Services Administration (GSA)	
		ZZ	Mutually Defined	
			<i>Use to indicate a federal activity other than DoD or GSA.</i>	
<b>PKG04</b>	<b>754</b>	<b>Packaging Description Code</b>		<b>X AN 1/7</b>
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product		
		<i>The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).</i>		
<b>PKG05</b>	<b>352</b>	<b>Description</b>		<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content		
		<i>1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.</i>		
		<i>2. Use of free form text is discouraged if the information can be</i>		

<i>provided by some other means within the transaction set.</i>				
<b>Not Used</b>	<b>PKG06</b>	<b>400</b>	<b>Unit Load Option Code</b>	<b>X ID 2/2</b>
Code identifying loading or unloading a shipment				

<b>Segment:</b>	<b>PO1</b> Baseline Item Data
<b>Position:</b>	010
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify basic and most frequently used line item data
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PO103 is present, then PO102 is required.</li> <li>2 If PO105 is present, then PO104 is required.</li> <li>3 If either PO106 or PO107 is present, then the other is required.</li> <li>4 If either PO108 or PO109 is present, then the other is required.</li> <li>5 If either PO110 or PO111 is present, then the other is required.</li> <li>6 If either PO112 or PO113 is present, then the other is required.</li> <li>7 If either PO114 or PO115 is present, then the other is required.</li> <li>8 If either PO116 or PO117 is present, then the other is required.</li> <li>9 If either PO118 or PO119 is present, then the other is required.</li> <li>10 If either PO120 or PO121 is present, then the other is required.</li> <li>11 If either PO122 or PO123 is present, then the other is required.</li> <li>12 If either PO124 or PO125 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See the Data Dictionary for a complete list of ID's.</li> <li>2 PO101 is the line item identification.</li> <li>3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.</li> </ol>
<b>Notes:</b>	<p><i>1. If the quote is for the exact item and quantity as specified in the solicitation, PO101, PO104, and PO105 if one of the listed codes is cited, is all that is required. Other data elements may be used, as necessary, to provide any additional information the offeror feels is essential to the quote.</i></p> <p><i>2. When BQR06 is code AB, use codes FS, MF, MG, PW, ZB, or other appropriate codes in PO106-PO125, as necessary, to adequately describe the item and to provide information regarding the item, its manufacturer, and its design control source.</i></p>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	Assigned Identification		O AN 1/11
			Alphanumeric characters assigned for differentiation within a transaction set	
			<i>To identify the item being quoted or to which changes are being proposed, this data element must contain whatever numeric or alpha characters that were provided in the solicitation.</i>	
PO102	330	Quantity Ordered		X R 1/9
			Quantity ordered	

		<i>Use to identify the quantity being quoted only if the quantity differs from the solicited quantity. Use the PO3 segment to explain.</i>	
<b>PO103</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>1. Use any code.</i>	
		<i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i>	
		<b>SX Shipment</b>	
		<i>Use when PO101 is a CLIN for transportation charges.</i>	
		<b>ZZ Mutually Defines</b>	
		<i>Use to indicate a Task or Job.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO104</b>	<b>212</b>	<b>Unit Price</b>	<b>X R 1/17</b>
		Price per unit of product, service, commodity, etc.	
		<i>1. Cite the unit price for the line item except when PO105 is code PQ. In that instance, cite the total price for the line item.</i>	
		<i>2. If a discount is applicable to the line item, cite the discounted price.</i>	
		<i>3. When PO105 is either code NC or NS, enter the number 0.</i>	
		<i>4. For IDC and similar solicited award instruments, the unit price shall be based on standard commercial packaging and preservation. Use the 2/CTP/040 segment to identify prices for additional levels of packaging and preservation.</i>	
		<i>5. For IDC and similar solicited award instruments that include zone pricing, this DE shall not be used. The unit price applicable to the individual zone shall be cited in the CTP segment.</i>	
<b>PO105</b>	<b>639</b>	<b>Basis of Unit Price Code</b>	<b>O ID 2/2</b>
		Code identifying the type of unit price for an item	
		<i>Use only if necessary to provide the basis of the quoted price.</i>	
		CA	Catalog
		ES	Estimated
		FB	Fabrication Cost
		<i>Use to indicate the price includes the incorporation of Government Furnished Property (GFP) into the item.</i>	
		KA	Price with Government Furnished Property
		<i>Use to indicate that the price of the item includes</i>	

			<i>the use of GFP, e.g., special tooling, special test equipment, production machinery, etc., to manufacture the item.</i>
		NC	No Charge <i>Use to indicate this is a no cost item.</i>
		NE	Not to Exceed
		NS	Not Separately Priced <i>Use to indicate the item is not separately priced but is included in the price of the item to which it pertains.</i>
		PQ	Posted <i>Use to indicate the price cited in PO104 is a total price for the line item rather than a unit price.</i>
		TB	To be negotiated.
<b>PO106</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<p><i>1. PO106 through PO125 are used in pairs. For example, PO106 contains a qualifier code and PO107 contains the data related to the code.</i></p> <p><i>2. If an equal or substitute items is being quoted, as a minimum, include the National Stock Number, the Manufacturer's Part Number (to indicate who has design control) and Manufacturer (if other than the bidder). In addition, provide the address of the entity who controls the design or who is manufacturing the item in the 2/N1/420 loop.</i></p> <p><i>3. Any code, other than code ZZ, may be used but the listed codes are preferred.</i></p> <p><b>A8 Exhibit Line Item Number</b>  <b>AK Refined Product Code</b>  <b>CG Commodity Grouping</b>  <i>Use to indicate a commodity code, e.g., the 2 position Federal Supply Group code.</i></p> <p><b>CH Country of Origin Code</b>  <i>When used, cite the two position ISO 3166 country code in the following 234 data element.</i></p> <p><b>CL Color</b>  <b>CN Commodity Name</b></p> <p><b>F1 Catalog Number</b>  <i>Use to indicate a catalog number that can be used to identify the</i></p>	

*product.*

**FS**    *National Stock Number*

*Use of this code is required when BQR06 is code AB and the alternate or substitute item has an NSN. The NSN shall be transmitted without dashes.*

**FT**    *Federal Supply Classification*

*See ASC X12 Code Source List 27 for the FSCs associated with this code.*

**KF**    *Item Type Number*

**LT**    *Lot Number*

**MF**    *Manufacturer*

*When an alternate product is offered, use to indicate the manufacturer of the item if other than the quoting party. When used, cite the DUNS number of the manufacturer in the following 234 data element.*

**MG**    *Manufacturer's Part Number*

*Use of this code is recommended if BQR06 is code AB and the alternate or substitute item does not have an NSN. When used, a second 235/234 pair must be used citing either code MF or ZB in data element 235.*

**MN**    *Model Number*

**N1**    *National Drug Code in 4-4-2 Format*

**N2**    *National Drug Code in 5-3-2 Format*

**N3**    *National Drug Code in 5-4-1 Format*

**N4**    *National Drug Code in 5-4-2 Format*

**ND**    *National Drug Code (NDC)*

**PD**    *Part Number Description*

*Use to indicate the noun nomenclature of the item.*

**PU**    *Part Reference Number*

*Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.*

**PW**    *Part Drawing*

*Use of this code is recommended when BQR06 is code AB.*

**SN**    *Serial Number*

**SR**    *Substitute Product Number*

**SW**    *Stock Number*

*Use to indicate a local stock number*

**SZ**    *Vendor Alphanumeric Size Code (NRMA)*

*Use to indicate the size of an item.*

**UK**    *U.P.C./EAN Shipping Container Code (1-2-5-5-1)*

**VP**    *Vendor's (Seller's) Part Number*

*Use to indicate a part number assigned by a selling party other than the manufacturer.*

**ZB Commercial and Government Entity (CAGE) Code**

*When an alternate product is offered, use to indicate the manufacturer of an item if other than the quoting party. Use of this code or code MF is recommended when an alternate product is offered.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**PO107 234 Product/Service ID X AN 1/40**

Identifying number for a product or service

**PO108 235 Product/Service ID Qualifier X ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

**PO109 234 Product/Service ID X AN 1/40**

Identifying number for a product or service

**PO110 235 Product/Service ID Qualifier X ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

**PO111 234 Product/Service ID X AN 1/40**

Identifying number for a product or service

**PO112 235 Product/Service ID Qualifier X ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

**PO113 234 Product/Service ID X AN 1/40**

Identifying number for a product or service

**PO114 235 Product/Service ID Qualifier X ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

**PO115 234 Product/Service ID X AN 1/40**

Identifying number for a product or service

**PO116 235 Product/Service ID Qualifier X ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

**PO117 234 Product/Service ID X AN 1/40**

Identifying number for a product or service

**PO118 235 Product/Service ID Qualifier X ID 2/2**

Code identifying the type/source of the descriptive number used in



		Product/Service ID (234)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO119</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/40</b>
		Identifying number for a product or service	
<b>PO120</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO121</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/40</b>
		Identifying number for a product or service	
<b>PO122</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO123</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/40</b>
		Identifying number for a product or service	
<b>PO124</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO125</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/40</b>
		Identifying number for a product or service	

<b>Segment:</b>	<b>PO3</b> Additional Item Detail
<b>Position:</b>	030
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To specify additional item-related data involving variations in normal price/quantity structure
<b>Syntax Notes:</b>	1 If PO304 is present, then at least one of PO303 or PO305 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level). 2 PO307 defines the unit of measure for PO306.
<b>Notes:</b>	<i>Use this 2/PO3/030 segment, as necessary, to identify additional information regarding the item being quoted in the PO1 segment.</i>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PO301	371 Change Reason Code	M ID 2/2
		Code specifying the reason for price or quantity change	
		<i>1. Use to provide an explanation if the quantity or unit of measure being quoted is different than in the solicitation.</i>	
		<i>2. Use also to provide the alternate quantity and unit of measure being quoted if one was identified in the solicitation.</i>	
	AQ	Alternate Quantity and Unit of Measure	
		<i>Use to indicate that an item has an alternate quantity and unit of measure (e.g., PO102/PO103 would cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being purchased - steel plates).</i>	
	EV	Estimated Quantity	
		<i>Use to indicate the quantity quoted in PO102 is an estimate.</i>	
	MC	Pack/Size Measure Difference	
	MP	Minimum Order	
		<i>Use to indicate that a minimum order (either price or quantity) is being quoted.</i>	
	PC	Pack Difference	
	QH	Quantity on Hand	
	QT	Quantity Price Break	

			<i>Use to indicate the quantity quoted, if different than solicited, represents a price break for the buying party.</i>	
			SC	Size Difference
			UM	Unit of Measure Difference
Not Used	PO302	373	<b>Date</b>	<b>O DT 6/6</b>
			Date (YYMMDD)	
	PO303	236	<b>Price Identifier Code</b>	<b>X ID 3/3</b>
			Code identifying pricing specification	
			<i>Use any code.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	PO304	212	<b>Unit Price</b>	<b>O R 1/17</b>
			Price per unit of product, service, commodity, etc.	
	PO305	639	<b>Basis of Unit Price Code</b>	<b>X ID 2/2</b>
			Code identifying the type of unit price for an item	
			<i>Use any code.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
M	PO306	380	<b>Quantity</b>	<b>M R 1/15</b>
			Numeric value of quantity	
			<i>Due to the mandatory nature of this data element, when PO301 is code EV, MC, MP, PC, QH, QT, SC, or UM, repeat the quantity cited in PO102.</i>	
M	PO307	355	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. Due to the mandatory nature of this data element, when PO301 is code EV, MC, MP, PC, QH, QT, SC, or UM, repeat the unit of measure cited in PO103.</i>	
			<i>3. An application program conversion table may be required to convert agency codes to X12 codes.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	PO308	352	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	

<b>Segment:</b>	<b>CTP Pricing Information</b>
<b>Position:</b>	040
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify pricing information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either CTP04 or CTP05 is present, then the other is required.</li> <li>2 If CTP06 is present, then CTP07 is required.</li> <li>3 If CTP09 is present, then CTP02 is required.</li> <li>4 If CTP10 is present, then CTP02 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.</li> <li>2 CTP08 is the rebate amount.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. Use this segment to provide pricing information requested in the solicitation or to provide additional prices related to the line item.</li> </ol>

2. Example of step ladder quantity prices for quantities 1-10, 11-20, 21-30, and 31-50:

CTP\*\*PBQ\*\*1\*EA n/l  
 CTP\*\*ICL\*25.00\*10\*EA n/l  
 CTP\*\*ICL\*24.50\*20\*EA n/l  
 CTP\*\*ICL\*23.50\*30\*EA n/l  
 CTP\*\*MAX\*22.00\*50\*EA n/l

#### Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Not Used	CTP01	687	Class of Trade Code	O ID 2/2
			Code indicating class of trade	
	CTP02	236	Price Identifier Code	X ID 3/3
			Code identifying pricing specification	
			Any code may be used to provide information regarding the pricing of an item.	
			ALT Alternate Price	
			Use to indicate a lease-to-purchase price.	
			CAT Catalog Price	
			Use to indicate catalog price if PO104 is not the quoting party's catalog price and the solicitation requested the bidder to identify the catalog price.	

**ICL Unit Price Through Quantity**

- 1. Use to indicate the end of a quantity range applicable to step ladder pricing.*
- 2. Use in conjunction with codes PBQ and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.*

**MAX Maximum Order Quantity Price**

- 1. Use for step ladder pricing to indicate the quantity above which the price will not change.*
- 2. Use in conjunction with codes ICL and PBQ for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.*

**PAP Protection Level Price**

*Use to indicate the price for the packaging protection level (preservation) cited in CTP10. This amount is additive to the unit price cited in PO104 or to the zone price cited in CTP03 (when CTP02 is code ZNP) which are based on standard commercial preservation.*

**PAQ Price Break Quantity(s)**

*Use to indicate a quantity where an incremental price break occurs. For example, if price breaks occur at quantities 11, 21, 31, etc., then for a purchase quantity of 25, the first 10 units are at the first price, the next 10 units are at the second price and the last 5 units are at the third price. This is in contrast to step ladder prices where all 25 units are one price.*

**PBQ Unit Price Beginning Quantity**

- 1. Use to indicate the beginning of a quantity range applicable to step ladder pricing.*
- 2. Use in conjunction with codes ICL and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.*

**PPA Packing Level Price**

*Use to indicate the price for the packaging level cited in CTP10. This amount is additive to the unit price cited in PO104 or to the zone price cited in CTP03 (when CTP02 is code ZNP) which are based on standard commercial packaging.*

**PUR Purchase**

*Use to indicate the price when it is less costly to replace than to repair.*

**ZNP Zone Price Code**

*Use to indicate the price for delivery to a zone cited in CTP10. This is the total price of the item and is based on standard commercial packaging and preservation. If a higher level of packaging and preservation is required, use additional repetitions of this segment citing code PAP and PPA in CTP02.*

Refer to 003050 Data Element Dictionary for acceptable code values.

	<b>CTP03</b>	<b>212</b>	<b>Unit Price</b>	<b>O R 1/17</b>
			Price per unit of product, service, commodity, etc.	
	<b>CTP04</b>	<b>380</b>	<b>Quantity</b>	<b>X R 1/15</b>
			Numeric value of quantity	
	<b>CTP05</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>X ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>CTP06</b>	<b>648</b>	<b>Price Multiplier Qualifier</b>	<b>O ID 3/3</b>
			Code indicating the type of price multiplier	
<b>Not Used</b>	<b>CTP07</b>	<b>649</b>	<b>Multiplier</b>	<b>X R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
<b>Not Used</b>	<b>CTP08</b>	<b>782</b>	<b>Monetary Amount</b>	<b>O R 1/15</b>
			Monetary amount	
<b>Not Used</b>	<b>CTP09</b>	<b>639</b>	<b>Basis of Unit Price Code</b>	<b>O ID 2/2</b>
			Code identifying the type of unit price for an item	
	<b>CTP10</b>	<b>499</b>	<b>Condition Value</b>	<b>O AN 1/10</b>
			Identifies rate restrictions or provisions	
			<i>When CTP02 is code PAP, PPA, or ZNP, cite the applicable protection level, packing level or zone to which the price in CTP03 applies.</i>	

<b>Segment:</b>	<b>MEA</b> Measurements
<b>Position:</b>	049
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	40
<b>Purpose:</b>	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.</li> <li>2 If MEA05 is present, then MEA04 is required.</li> <li>3 If MEA06 is present, then MEA04 is required.</li> <li>4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.</li> <li>5 Only one of MEA08 or MEA03 may be present.</li> </ol>
<b>Semantic Notes:</b>	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
<b>Comments:</b>	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
<b>Notes:</b>	<p><i>1. Use this 2/MEA/049 segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all of the line items.</i></p> <p><i>2. This segment can be used to specify the variations in quantity permitted; and for a requirements or an indefinite quantity type procurement instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, and the minimum and maximum obligations of the government and the contractor; and warranty periods.</i></p> <p><i>3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	
MEA01	737 Measurement Reference ID Code	O ID 2/2
	Code identifying the broad category to which a measurement applies <i>Use any code.</i>	
	<b><i>BT Batch Limits</i></b> <i>Use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or indefinite quantity type award instrument, a task order or a delivery order depending on the code cited in BQT06 of the 840 solicitation. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.</i>	

**CT Counts**

*Use to indicate variations in quantity when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.*

**DE Defects**

*Use to indicate a warranty period.*

**LT Lot Limits**

*Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.*

**OL Order Limits**

*Use to indicate the maximum that the government may order from a requirements or an indefinite quantity type award instrument in a specified time period. Do not use for a purchase order or delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.*

**PM Permitted**

*Use to indicate the minimum and maximum quantity or dollars that are permitted per order against a requirements or an indefinite quantity type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.*

Refer to 003050 Data Element Dictionary for acceptable code values.

**MEA02      738      Measurement Qualifier      O   ID 1/3**

Code identifying a specific product or process characteristic to which a measurement applies

*Use any code other than code ZZZ.*

**MX    Maximum**

*When MEA01 is code OL, use to indicate the maximum amount that can be ordered in a specified period of time.*

**PO    Percent of Order (-, +)**

*Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.*

**RY    Ratio**

*Use to indicate the proposed share ratio for an incentive or cost sharing contract. Identify the proposed Government share in MEA05 and the proposed contractor share in MEA06.*



			<b><i>TT Time</i></b>	
			<i>Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-C00101.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	<b>MEA03</b>	<b>739</b>	<b>Measurement Value</b>	<b>X R 1/20</b>
			The value of the measurement	
	<b>MEA04</b>	<b>C001</b>	<b>Composite Unit of Measure</b>	<b>X</b>
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
			<i>1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or an indefinite quantity type award instrument.</i>	
			<i>2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA and MEA04-C00104 would cite code Q1.</i>	
<b>M</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>C00102</b>	<b>1018</b>	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
<b>Not Used</b>	<b>C00103</b>	<b>649</b>	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
	<b>C00104</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>C00105</b>	<b>1018</b>	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
<b>Not Used</b>	<b>C00106</b>	<b>649</b>	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
<b>Not Used</b>	<b>C00107</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	MEA05	740	<b>Range Minimum</b>	X R 1/20
			The value specifying the minimum of the measurement range	
			<i>1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity under.</i>	
			<i>2. When MEA02 is RY, use to specify the proposed Government share.</i>	
			<i>3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.</i>	
			<i>4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
	MEA06	741	<b>Range Maximum</b>	X R 1/20
			The value specifying the maximum of the measurement range	
			<i>1. When MEA01 is code CT or MEA02 is code PO, use to specify the variation in quantity over.</i>	
			<i>2. When MEA02 is RY, use to specify the proposed contractor share.</i>	
			<i>3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.</i>	
			<i>4. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are</i>	

			<i>suppressed).</i>	
Not Used	MEA07	935	<b>Measurement Significance Code</b>	<b>O ID 2/2</b>
			Code used to benchmark, qualify or further define a measurement value	
Not Used	MEA08	936	<b>Measurement Attribute Code</b>	<b>X ID 2/2</b>
			Code used to express an attribute response when a numeric measurement value cannot be determined	
Not Used	MEA09	752	<b>Surface/Layer/Position Code</b>	<b>O ID 2/2</b>
			Code indicating the product surface, layer or position that is being described	
Not Used	MEA10	1373	<b>Measurement Method or Device</b>	<b>O ID 2/4</b>
			The method or device used to record the measurement	

<b>Segment:</b>	<b>PID</b> Product/Item Description
<b>Position:</b>	050
<b>Loop:</b>	PID Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID03 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>
<b>Notes:</b>	<i>Use this segment ONLY if it is necessary to further describe a line item specified in PO101.</i>

## Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	PID01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
		F	Free-form	
		S	Structured (From Industry Code List)	
		X	Semi-structured (Code and Text)	
	PID02	750	Product/Process Characteristic Code	O ID 2/3
			Code identifying the general class of a product or process characteristic	
			<i>Use any code. The listed code shall be used as indicated by the accompanying note.</i>	
			<b>MAC Material Classification</b>	
			<i>Use to indicate the item cited in the same PO1 loop is a surplus item.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	PID03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
			<i>Use any code. The listed code shall be used as indicated by the accompanying note.</i>	

		<b>ZZ Mutually Defined</b> <b>Use to indicate the Federal Government.</b>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	<b>PID04</b>	<b>751 Product Description Code</b>	<b>X AN 1/12</b>
		A code from an industry code list which provides specific data about a product characteristic	
		<i>When PID02 is code MAC, cite the classification of the item using the following: Cite the letter "N" for new/unused, cite the letter "R" for new/reconditioned, cite the letter "M" for new/modified, or cite the letter "O" for used/overhauled.</i>	
	<b>PID05</b>	<b>352 Description</b>	<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content	
		<i>1. Use, only if necessary, to provide additional information applicable to a line item.</i>	
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
<b>Not Used</b>	<b>PID06</b>	<b>752 Surface/Layer/Position Code</b>	<b>O ID 2/2</b>
		Code indicating the product surface, layer or position that is being described	
<b>Not Used</b>	<b>PID07</b>	<b>822 Source Subqualifier</b>	<b>O AN 1/15</b>
		A reference that indicates the table or text maintained by the Source Qualifier	
<b>Not Used</b>	<b>PID08</b>	<b>1073 Yes/No Condition or Response Code</b>	<b>O ID 1/1</b>
		Code indicating a Yes or No condition or response	

<b>Segment:</b>	<b>PWK</b> Paperwork
<b>Position:</b>	070
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To identify the type and transmission of paperwork or supporting information
<b>Syntax Notes:</b>	1 If either PWK05 or PWK06 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 PWK05 and PWK06 may be used to identify the addressee by a code number. 2 PWK07 may be used to indicate special information to be shown on the specified report. 3 PWK08 may be used to indicate action pertaining to a report.
<b>Notes:</b>	1. <i>Use this 2/PWK/070 segment to provide paperwork information that applies to a specific line item. Use the 1/PWK/210 segment to specify paperwork that is applicable to all of the line items.</i>  2. <i>Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	PWK01	755 Report Type Code	M ID 2/2
		Code indicating the title or contents of a document, report or supporting item	
		<i>Use to identify the type of paperwork the offeror is providing.</i>	
		25 Purchase Plan	
		<i>Use to indicate a make or buy plan.</i>	
		35 Subcontractor Plan	
		AE Attachment	
		<i>Use to indicate some additional type document is being provided by means other than within the transaction set. Specify the nature of the document in PWK07.</i>	
		C1 Cost Data Summary	
		<i>Use to indicate non-certified cost and price data.</i>	
		C5 Certified Cost and Price Data	
		C6 Wage Determination	
		<i>When used identify the Wage Determination number in the 2/REF/100 segment using code 2Y in REF01.</i>	
		DW Drawing(s)	
		IT Certified Inspection and Test Results	

				<i>Use to indicate test results for a QBL, QML, or QPL item.</i>
		MS		Material Safety Data Sheet
		PJ		Purchasing Specification
				<i>Use to indicate a Statement of Work.</i>
		SD		Support Data for a Request for Quote
				<i>Use to indicate that supporting technical documentation, e.g., technical proposal, etc. are being provided. Use of this code is required when BQR06 is code AB.</i>
		TO		Demand Report
				<i>Use to indicate a Contract Data Requirement List (CDRL) deliverable.</i>
		UA		Union Agreement
		US		"BUY AMERICA" Certification of Compliance
PWK02	756	Report Transmission Code		O ID 1/2
		Code defining timing, transmission method or format by which reports are to be sent		
		<i>While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.</i>		
		BE		By Mail and Electronically
				<i>Use to indicate E-Mail</i>
		BM		By Mail
				<i>Use to indicate transmittal via the USPS.</i>
		CF		Courier
				<i>Use to indicate transmittal via commercial express courier.</i>
		DA		Data
				<i>Use to indicate other forms of electronic transfer. When used, identify the other form in PWK07.</i>
		EL		Electronically Only
				<i>Use to indicate that data was sent by a separate EDI transaction set. When used, identify the unique number of the transaction set in REF02 of the 2/REF/100 segment citing code TN in REF01.</i>
		FX		By Fax
		IA		Electronic Image
				<i>Use to indicate the World Wide Web. When used, provide the Universal Resource Locator (URL) where information is to be obtained in PWK07.</i>
Not Used	PWK03	757	Report Copies Needed	O NO 1/2

			The number of copies of a report that should be sent to the addressee	
	<b>PWK04</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O ID 2/2</b>
			Code identifying an organizational entity, a physical location, or an individual	
			<i>Use to identify the recipient of the paperwork. If there is more than one recipient of the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. For other than code BY, provide the address of the recipient in the 2/N1/420 segment and, if known, the communications number of the recipient in the 2/PER/470 segment using the appropriate code in PER01.</i>	
			BY	Buying Party (Purchaser)
				<i>Use to indicate the Contracting Officer.</i>
			IS	Party to Receive Certified Inspection Report
				<i>Use when PWK01 is code IT.</i>
			KF	Audit Office
			KG	Project Manager
				<i>Use to indicate the government party responsible for a project.</i>
			KY	Technical Office
Not Used	<b>PWK05</b>	<b>66</b>	<b>Identification Code Qualifier</b>	<b>X ID 1/2</b>
			Code designating the system/method of code structure used for Identification Code (67)	
Not Used	<b>PWK06</b>	<b>67</b>	<b>Identification Code</b>	<b>X AN 2/20</b>
			Code identifying a party or other code	
	<b>PWK07</b>	<b>352</b>	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
			<i>1. Use, only if necessary, to identify additional information related to a specific paperwork item.</i>	
			<i>2. When PWK02 is code DA, use to identify the other form of electronic transfer.</i>	
			<i>3. When PWK02 is code IA, used to identify the URL.</i>	
			<i>4. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
Not Used	<b>PWK08</b>	<b>C002</b>	<b>Actions Indicated</b>	<b>O</b>
			Actions to be performed on the piece of paperwork identified	
Not Used	<b>C00201</b>	<b>704</b>	<b>Paperwork/Report Action Code</b>	<b>M ID 1/2</b>
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	



*Use to indicate the specified paperwork will be or is being provided by the offeror.*

Refer to 003050 Data Element Dictionary for acceptable code values.

<b>Not Used</b>	<b>C00202</b>	<b>704</b>	<b>Paperwork/Report Action Code</b>	<b>O ID 1/2</b>
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
<b>Not Used</b>	<b>C00203</b>	<b>704</b>	<b>Paperwork/Report Action Code</b>	<b>O ID 1/2</b>
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
<b>Not Used</b>	<b>C00204</b>	<b>704</b>	<b>Paperwork/Report Action Code</b>	<b>O ID 1/2</b>
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	
<b>Not Used</b>	<b>C00205</b>	<b>704</b>	<b>Paperwork/Report Action Code</b>	<b>O ID 1/2</b>
			Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required	

<b>Segment:</b>	<b>PKG</b> Marking, Packaging, Loading
<b>Position:</b>	080
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To describe marking, packaging, loading, and unloading requirements
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 PKG04 should be used for industry-specific packaging description codes.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> </ol>
<b>Notes:</b>	<p><i>1. Use this 2/PKG/080 segment if the packaging requirements apply to a specific line item. Use the 2/PKG/530 segment if the packaging requirements apply to a named entity.</i></p> <p><i>2. Packaging information such as the number of items in a unit container; the number of unit containers in a intermediate container; a requirement for palletized loads or shrink wrap; or the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.</i></p> <p><i>3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PKG01	349	Item Description Type	X ID 1/1
		Code indicating the format of a description	
		F Free-form	
		S Structured (From Industry Code List)	
		X Semi-structured (Code and Text)	
PKG02	753	Packaging Characteristic Code	O ID 1/5
		Code specifying the marking, packaging, loading and related characteristics being described	
		<i>Use the listed codes to identify applicable packaging requirements.</i>	
		CD Cleaning or Drying Procedure	
		CT Cushioning Thickness	
		CUD Cushioning and Dunnage	

HM	Hazardous Material
IC	Intermediate Container
LP	Level Of Preservation
OPI	Optional Procedure Indicator
PK	Packing

*When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.*

PM	Preservation Method
PML	Preservation Material
SMK	Special Marking
UC	Unit Container
UCL	Unit Container Level
WM	Wrapping Material

**PKG03      559      Agency Qualifier Code      X      ID 2/2**

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)
GS	General Services Administration (GSA)
ZZ	Mutually Defined

*Use to indicate a federal activity other than DoD or GSA.*

**PKG04      754      Packaging Description Code      X      AN 1/7**

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

*The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).*

**PKG05      352      Description      X      AN 1/80**

A free-form description to clarify the related data elements and their content

*1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.*

*2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.*

<b>Not Used</b>	<b>PKG06</b>	<b>400</b>	<b>Unit Load Option Code</b>	<b>X</b>	<b>ID 2/2</b>
			Code identifying loading or unloading a shipment		

**Segment:** **PO4** Item Physical Details  
**Position:** 090  
**Loop:** PO1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item

- Syntax Notes:**
- 1 If either PO402 or PO403 is present, then the other is required.
  - 2 If PO405 is present, then PO406 is required.
  - 3 If either PO406 or PO407 is present, then the other is required.
  - 4 If either PO408 or PO409 is present, then the other is required.
  - 5 If PO410 is present, then PO413 is required.
  - 6 If PO411 is present, then PO413 is required.
  - 7 If PO412 is present, then PO413 is required.
  - 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

**Semantic Notes:**

- Comments:**
- 1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
  - 2 PO413 defines the unit of measure for PO410, PO411, and PO412.

- Notes:**
1. *Use this segment to specify the weight, cube, or dimensions of the unit or intermediate pack; the unit pack quantity or intermediate container quantity; to indicate that palletized loads are required; or to indicate that shrink wrap is required. To specify the unit pack quantity, use PO401 and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50 and PO404 would cite code UNT.*
  2. *If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403 and PO404. In this instance, if there are 24, 12 ounce bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per intermediate container is required, use code INT in PO404 and cite the quantity in PO414.*
  3. *Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.*

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO401	356	Pack	O N0 1/6
		Number of inner pack units per outer pack unit	

		<b>1. Use to identify the unit pack quantity.</b>	
		<b>2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073 -2C code BLK).</b>	
<b>PO402</b>	<b>357</b>	<b>Size</b> <b>X R 1/8</b> Size of supplier units in pack <i>Use only to identify the size of the individual items within a unit container.</i>	
<b>PO403</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> <b>X ID 2/2</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO404</b>	<b>103</b>	<b>Packaging Code</b> <b>O AN 3/5</b> Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material <div> <div>INT</div> <div>Intermediate Container</div> <div>PAF</div> <div>Pallet - 4 Way</div> <div>PAT</div> <div>Pallet - 2 Way</div> <div>SRW</div> <div>Shrink Wrap</div> <div>UNT</div> <div>Unit</div> </div> <i>Used to indicate the unit container.</i>	
<b>PO405</b>	<b>187</b>	<b>Weight Qualifier</b> <b>O ID 1/2</b> Code defining the type of weight <i>Use any code other than code Z.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO406</b>	<b>384</b>	<b>Gross Weight per Pack</b> <b>X R 1/9</b> Numeric value of gross weight per pack <i>Use this data element to specify the weight of a container. The weight shall be provided to 1 decimal place.</i>	
<b>PO407</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> <b>X ID 2/2</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	
<b>PO408</b>	<b>385</b>	<b>Gross Volume per Pack</b> <b>X R 1/9</b>	

		Numeric value of gross volume per pack	
		<i>Use this data element to specify the cube of a container. The cube shall be provided to 3 decimal places.</i>	
PO409	355	<b>Unit or Basis for Measurement Code</b>	<b>X ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>1. Use any code other than code ZZ.</i>	
		<i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
PO410	82	<b>Length</b>	<b>X R 1/8</b>
		Largest horizontal dimension of an object measured when the object is in the upright position	
PO411	189	<b>Width</b>	<b>X R 1/8</b>
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position	
PO412	65	<b>Height</b>	<b>X R 1/8</b>
		Vertical dimension of an object measured when the object is in the upright position	
		<i>Use to specify the depth of a container.</i>	
PO413	355	<b>Unit or Basis for Measurement Code</b>	<b>X ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>1. Use any code other than code ZZ.</i>	
		<i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
PO414	810	<b>Inner Pack</b>	<b>O N0 1/6</b>
		Number of units in each selling pack	
		<i>Use to specify the quantity of unit containers in an intermediate container.</i>	

**Segment:** **REF** Reference Numbers  
**Position:** 100  
**Loop:** PO1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

**Notes:** *1. Use this 2/REF/100 segment to identify reference numbers that apply to a specific line item. Use the 1/REF/050 segment to identify reference numbers that apply to all of the line items.*  
*2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.*

#### Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	REF01	128 Reference Number Qualifier	M ID 2/2

Code qualifying the Reference Number.

*When codes CT or W6 are used, one iteration of the 2/DTM/200 segment is REQUIRED. Use code 036 (Expiration) in DTM01 and provide the expiration date of the cited schedule or contract in DTM02.*

2Y Wage Determination

*Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.*

73 Statement of Work (SOW)

*If a Statement of Work is part of the quote, the PWK segment can be used to indicate how the SOW is being provided.*

97 Package Number

AH Agreement Number

*Use to indicate a Union Agreement Number.*

C7 Contract Line Item Number

CH Customer catalog number

CT Contract Number

*Use to indicate a contract or agreement other than a Federal Supply Schedule from which the quoted item can be ordered. Enter the contract number in*



	<b><i>REF02 and explain the nature of the contract in REF03 if necessary. The expiration date of the contract must be specified in the DTM segment.</i></b>
DG	Drawing Number  <b><i>If a revision number and/or date must be cited for the drawing number, concatenate the revision number with the drawing number and provide the date in REF03.</i></b>
IJ	Standard Industry Classification (SIC) Code  <b><i>Use to indicate an exception is being taken to the Standard Industry Classification (SIC) code applicable to the solicitation. When used, the bidder should cite the SIC code considered appropriate.</i></b>
IX	Item Number  <b><i>Use to indicate a Federal supply schedule (FSS) special item number.</i></b>
LT	Lot Number
LX	Qualified Products List  <b><i>Use to indicate the Qualified Products List (QPL) number where the quoted item can be found.</i></b>
NI	Military Standard (MIL-STD) Number
P4	Project Code
QC	Product Specification Document Number
S2	Military Specification Number (MILSPEC)
S3	Specification Number  <b><i>Use to indicate a specification number other than a MIL-SPEC. When used, cite the specification number in REF02 and identify the issuing activity in REF03.</i></b>
TN	Transaction Reference Number  <b><i>1. Use to indicate the unique reference number of a related transaction set (e.g. an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique number. In the case of the 841 transaction set, that number is carried in SPI02.</i></b>  <b><i>2. When used, cite the related transaction set's unique number in REF02 and cite the X12 transaction set designator of the related transaction set, e.g., 841, in REF03.</i></b>
TP	Test Specification Number
VW	Standard

			<p><i>Use to indicate a standard other than a Military Standard (MIL-STD). When used, cite the standard number in REF02, e.g., ASTM D3951, and, if necessary, further identify the standard in REF03.</i></p>
	W6	Federal Supply Schedule Number	<p><i>Use to indicate a Federal Supply Schedule in which the quoted item can be found and provide the Schedule number in REF02. The expiration date MUST be noted in the DTM segment.</i></p>
	ZZ	Mutually Defined	<p><i>Use to indicate another type of reference number. When used, identify the nature of the number in REF03.</i></p>
REF02	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
		<i>If a document has a revision, the document number and the revision number should be concatenated and cited in this data element.</i>	
REF03	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>1. Use, if necessary, to carry additional information applicable to a reference number cited in REF02.</i>	
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

<b>Segment:</b>	<b>SAC</b> Service, Promotion, Allowance, or Charge Information
<b>Position:</b>	130
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of SAC02 or SAC03 is required.</li> <li>2 If either SAC03 or SAC04 is present, then the other is required.</li> <li>3 If either SAC06 or SAC07 is present, then the other is required.</li> <li>4 If either SAC09 or SAC10 is present, then the other is required.</li> <li>5 If SAC11 is present, then SAC10 is required.</li> <li>6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.</li> <li>7 If SAC14 is present, then SAC13 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.</li> <li>2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.</li> <li>3 SAC08 is the allowance or charge rate per unit.</li> <li>4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.</li> <li>5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.</li> <li>6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.</li> <li>2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.</li> </ol>
<b>Notes:</b>	<i>Use this 2/SAC/130 segment to identify amounts and, if applicable, quantities, for services, allowances, or non-CLIN charges that apply to a specific line item. If the amounts and quantities for the services, allowances or non-CLIN charges apply to all of the line items, use the 1/SAC/120 segment.</i>

## Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A	Allowance
		C	Charge

N

No Allowance or Charge

*Use to indicate there is no charge for the service specified SAC02.*

**SAC02      1300      Service, Promotion, Allowance, or Charge Code      X      ID 4/4**

Code identifying the service, promotion, allowance, or charge

*1. Any code, other than code ZZZZ, may be used but the listed codes are preferred.*

*2. As a minimum, the codes listed in the solicitation must be used to identify whether or not there is a charge.*

**B180      Cleaning Charge**

**B610      Container Service Charge USA/Canada**

*Use to indicate a reusable container.*

**B870      Customs Charge**

**C240      Disconnect Charge**

**C330      Distribution Fee**

**C370      Diversion Charge**

**C880      Expediting Premium**

**D500      Handling**

**D530      Hazardous Cargo Charge**

**D660      Hook-up charge**

**D820      Inside Delivery**

**D870      Inspection**

**D890      Installation and Training**

**D900      Installation**

**E340      Less Than Truckload (LTL) Charge**

*Use to indicate a charge for a less than carload or truckload delivery.*

**E400      Loading (Labor Charges)**

**F150      Packaging Service**

**F460      Postage**

**F560      Premium Transportation**

**F830      Proof of Delivery**

*Use to indicate a charge for the preparation of a DD Form 250.*

**G030      Reconnect charge**

**G350      Rents and Leases**

**G470      Restocking Charge**

**G530      Rework**

**G580      Royalties**

**G660      Scrap Allowance**

**G740      Service Charge**

**G760      Set-up**

**H170      Special Tooling Charge**

**H430      Storage**

			<b>H540 Supplemental Items</b>	
			<i>Use to indicate the amount for Contractor Acquired Parts (CAP).</i>	
			<b>H550 Surcharge</b>	
			<b>H850 Tax</b>	
			<i>Use to indicate total taxes applicable to the line item amount that are included in the unit prices.</i>	
			<b>H990 Testing Services Charge</b>	
			<b>I260 Transportation Direct Billing</b>	
			<i>Use to indicate the amount for pre-paid transportation charges that will be added to an invoice.</i>	
			<b>I380 Unloading (Labor Charges)</b>	
			<b>I590 Warranties</b>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SAC03	559	<b>Agency Qualifier Code</b>	<b>X ID 2/2</b>
			Code identifying the agency assigning the code values	
Not Used	SAC04	1301	<b>Agency Service, Promotion, Allowance, or Charge Code</b>	<b>X AN 1/10</b>
			Agency maintained code identifying the service, promotion, allowance, or charge	
	SAC05	610	<b>Amount</b>	<b>O N2 1/15</b>
			Monetary amount	
	SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	<b>X ID 1/1</b>
			Code indicating on what basis allowance or charge percent is calculated	
			<i>Use any code other than code Z.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC07	332	<b>Percent</b>	<b>X R 1/6</b>
			Percent expressed as a percent	
			<i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
	SAC08	118	<b>Rate</b>	<b>O R 1/9</b>
			Rate expressed in the standard monetary denomination for the currency specified	
	SAC09	355	<b>Unit or Basis for Measurement Code</b>	<b>X ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>1. Use any code other than code ZZ.</i>	
			<i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	SAC10	380	<b>Quantity</b>	<b>X R 1/15</b>

			Numeric value of quantity	
			<i>If applicable, use to identify the quantity to which the amount in SAC05 applies. SAC10/11 can be used together to specify a quantity range to which the amount in SAC05 applies.</i>	
	<b>SAC11</b>	<b>380</b>	<b>Quantity</b>	<b>O R 1/15</b>
			Numeric value of quantity	
			<i>Use only if SAC10 is used. SAC10/11 can be used together to specify a quantity range.</i>	
<b>Not Used</b>	<b>SAC12</b>	<b>331</b>	<b>Allowance or Charge Method of Handling Code</b>	<b>O ID 2/2</b>
			Code indicating method of handling for an allowance or charge	
<b>Not Used</b>	<b>SAC13</b>	<b>127</b>	<b>Reference Number</b>	<b>X AN 1/30</b>
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
<b>Not Used</b>	<b>SAC14</b>	<b>770</b>	<b>Option Number</b>	<b>O AN 1/20</b>
			A unique number identifying available promotion or allowance options when more than one is offered	
<b>Not Used</b>	<b>SAC15</b>	<b>352</b>	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	

<b>Segment:</b>	<b>ITD</b> Terms of Sale/Deferred Terms of Sale
<b>Position:</b>	150
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	2
<b>Purpose:</b>	To specify terms of sale
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.</li> <li>2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.</li> <li>3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. Use this 2/ITD/150 segment when a discount applies to individual line items. If the discount applies to all of the line items, use the 1/ITD/130 segment.</li> <li>2. The Prompt Payment Act specifies payment terms as Net 30 unless an appropriate discount is applicable. Contractors do not need to cite net payment terms.</li> </ol>

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	ITD01	336	Terms Type Code		O ID 2/2
				Code identifying type of payment terms	
Not Used	ITD02	333	Terms Basis Date Code		O ID 1/2
				Code identifying the beginning of the terms period	
	ITD03	338	Terms Discount Percent		O R 1/6
				Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
				<i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
Not Used	ITD04	370	Terms Discount Due Date		X DT 6/6
				Date payment is due if discount is to be earned	
	ITD05	351	Terms Discount Days Due		X N0 1/3
				Number of days in the terms discount period by which payment is due if terms discount is earned	
Not Used	ITD06	446	Terms Net Due Date		O DT 6/6
				Date when total invoice amount becomes due	
	ITD07	386	Terms Net Days		O N0 1/3
				Number of days until total invoice amount is due (discount not applicable)	
Not Used	ITD08	362	Terms Discount Amount		O N2 1/10

			Total amount of terms discount	
Not Used	ITD09	388	<b>Terms Deferred Due Date</b>	<b>O DT 6/6</b>
			Date deferred payment or percent of invoice payable is due	
Not Used	ITD10	389	<b>Deferred Amount Due</b>	<b>X N2 1/10</b>
			Deferred amount due for payment	
Not Used	ITD11	342	<b>Percent of Invoice Payable</b>	<b>X R 1/5</b>
			Amount of invoice payable expressed in percent	
Not Used	ITD12	352	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
Not Used	ITD13	765	<b>Day of Month</b>	<b>X N0 1/2</b>
			The numeric value of the day of the month between 1 and the maximum day of the month being referenced	
Not Used	ITD14	107	<b>Payment Method Code</b>	<b>O ID 1/1</b>
			Code identifying type of payment procedures	
Not Used	ITD15	954	<b>Percent</b>	<b>O R 1/10</b>
			Percentage expressed as a decimal	



<b>Segment:</b>	<b>DIS</b> Discount Detail
<b>Position:</b>	160
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	20
<b>Purpose:</b>	To specify the exact type and terms of various discount information
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 DIS05 is the minimum for application of the discount.</li> <li>2 DIS06 is the maximum for application of the discount.</li> </ol>
<b>Comments:</b>	
<b>Notes:</b>	<p><i>1. Use this 2/DIS/160 segment to identify volume discount information applicable to the line item that is based on either the dollar value purchased or number of units purchased.</i></p> <p><i>2. Use the 2/N9/400 segment, with N901 citing code KD, and the 2/MSG/410, to specify other volume or promotional discounts that apply to a line item.</i></p>

## Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	DIS01	653	Discount Terms Type Code	M ID 3/3
			Code to define the units in which the discount will be determined, i.e., dollars, case, truckload, etc.	
		POR	% Discount per Units Ordered	
			<i>Use to indicate a percent discount based on the value of the units purchased.</i>	
		UNT	Additional Units per Units Purchased	
			<i>Use to indicate additional free units are to be provided based on the number of units purchased.</i>	
M	DIS02	654	Discount Base Qualifier	M ID 2/2
			Code to define unit of discount, i.e., dollars, cases, alternate products, etc.	
		PC	Discount Determined as a Percentage of the Value of the Transaction	
			<i>Use to indicate the discount as a percent of the value of the line item.</i>	
		UN	Discount Determined to be Additional Units that Are Defined by Discount Control Limit Qualifier	
			<i>Use to indicate the discount as additional free units based on the number of items purchased.</i>	
M	DIS03	655	Discount Base Value	M R 1/10
			A multiplier amount used in conjunction with discount base qualifier to determine the value of the discount	
			<i>1. When DIS02 is code PC, use to identify the discount percentage.</i>	

			<i>Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).</i>	
			<i>2. When DIS02 is code UN, use to identify the number of free units.</i>	
<b>M</b>	<b>DIS04</b>	<b>656</b>	<b>Discount Control Limit Qualifier</b>	<b>M ID 2/3</b>
			Code to define the units of the limits for determining discount	
			DAT	Time Limits for Discount
			<i>Use in conjunction with DIS02 code UN.</i>	
			DOF	Dollars of Purchase
			<i>Use in conjunction with DIS02 code PC.</i>	
<b>M</b>	<b>DIS05</b>	<b>657</b>	<b>Discount Control Limit</b>	<b>M N0 1/10</b>
			Amount or time associated with application of the discount	
			<i>Use to identify the base amount or quantities applicable to the discount.</i>	
			<i>This is the minimum value or quantity needed to earn the discount.</i>	
	<b>DIS06</b>	<b>657</b>	<b>Discount Control Limit</b>	<b>O N0 1/10</b>
			Amount or time associated with application of the discount	
			<i>Use to identify the maximum amount or quantities applicable to the discount. When values are cited in both DIS05/06, this constitutes a range of values or quantities applicable to the cited discount.</i>	

<b>Segment:</b>	<b>FOB</b> F.O.B. Related Instructions
<b>Position:</b>	180
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify transportation instructions relating to shipment
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If FOB03 is present, then FOB02 is required.</li> <li>2 If FOB04 is present, then FOB05 is required.</li> <li>3 If FOB07 is present, then FOB06 is required.</li> <li>4 If FOB08 is present, then FOB09 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 FOB01 indicates which party will pay the carrier.</li> <li>2 FOB02 is the code specifying transportation responsibility location.</li> <li>3 FOB06 is the code specifying the title passage location.</li> <li>4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.</li> </ol>
<b>Comments:</b>	
<b>Notes:</b>	<p><i>1. Use this 2/FOB/180 segment when the FOB point and acceptance location applies to a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all of the line items.</i></p> <p><i>2. This segment is not used when the quote is for a service without deliverables or construction.</i></p> <p><i>3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	FOB01	146	Shipment Method of Payment	M ID 2/2
			Code identifying payment terms for transportation charges	
		BP	Paid by Buyer	
			<i>Use to indicate a Government Bill of Lading (GBL) will be issued.</i>	
		PE	Prepaid and Summary Bill	
			<i>Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.</i>	
		PP	Prepaid (by Seller)	
			<i>Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on this instrument's invoice. When used, if known, specify the cost in</i>	

			<i>the SAC segment citing code I260 in SAC02.</i>	
		PS	Paid by Seller	
			<i>Use to indicate transportation charges are included in the unit price.</i>	
FOB02	309	<b>Location Qualifier</b>		<b>X ID 1/2</b>
		Code identifying type of location		
			<i>Use to indicate the FOB point.</i>	
		DE	Destination (Shipping)	
		FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)	
		IT	Intermediate FOB Point	
			<i>Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.</i>	
		KE	Port of Embarkation	
			<i>Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of Government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.</i>	
		KL	Port of Loading	
			<i>Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.</i>	
		OR	Origin (Shipping Point)	
		W	Worldwide Geographic Location Code	
			<i>Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.</i>	
		ZZ	Mutually Defined	
			<i>Use to indicate an Other FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.</i>	
Not Used	FOB03	352	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
Not Used	FOB04	334	<b>Transportation Terms Qualifier Code</b>	<b>O ID 2/2</b>
			Code identifying the source of the transportation terms	
Not Used	FOB05	335	<b>Transportation Terms Code</b>	<b>X ID 3/3</b>
			Code identifying the trade terms which apply to the shipment transportation responsibility	
	FOB06	309	<b>Location Qualifier</b>	<b>X ID 1/2</b>

Code identifying type of location

*Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.*

DE	Destination (Shipping)
OR	Origin (Shipping Point)
ZZ	Mutually Defined

*1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 2/N1/420 loop, citing code 7M in N101.*

*2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 2/N1/420 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.*

Not Used	FOB07	352	<b>Description</b>	<b>O AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
Not Used	FOB08	54	<b>Risk of Loss Qualifier</b>	<b>O ID 2/2</b>
			Code specifying where responsibility for risk of loss passes	
Not Used	FOB09	352	<b>Description</b>	<b>X AN 1/80</b>
			A free-form description to clarify the related data elements and their content	

**Segment: DTM Date/Time Reference****Position:** 200**Loop:** PO1 Optional**Level:** Detail**Usage:** Optional**Max Use:** 10**Purpose:** To specify pertinent dates and times**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM06 is required.

2 If either DTM06 or DTM07 is present, then the other is required.

**Semantic Notes:****Comments:****Notes:**

1. Use this 2/DTM/200 segment when dates apply to a specific line item. If the dates apply to all of the line items, use the 1/DTM/150 segment.

2. Use this segment for delivery information when the quoted delivery can be specified as an actual date. If the quoted delivery schedule is expressed as a set time period after the occurrence of some event, use the 2/LDT/394 loop or the 2/LDT/ 550 loop if the delivery schedule is applicable to a named entity.

3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		007	Effective
			<i>Use with codes RD6 or RD8 in DTM06 to indicate the ordering period for a line item, e.g., a provisioned item. Specify the date range in DTM07.</i>
		017	Estimated Delivery
		036	Expiration
			<i>Use this code to indicate the expiration date of a Federal Supply Schedule or contract. This relates to the information provided in the 2/REF/100 segment, specifically for codes CT, or W6, in REF01.</i>
		063	Do Not Deliver After
			<i>Use to indicate deliveries cannot be made after a specified date and/or time.</i>
		064	Do Not Deliver Before
			<i>Use to indicate deliveries cannot be made before a</i>

	<i>specified date and/or time.</i>
069	Promised for Delivery
	<i>Use to indicate the exact date when the offeror proposes to make delivery.</i>
075	Promised for Delivery (Prior to and Including)
	<i>Use to indicate the date on or before which the offeror proposes to make delivery.</i>
078	Promised for Delivery (Week of)
	<i>When this code is used, cite the beginning date of the week.</i>
174	Month Ending
	<i>Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.</i>
193	Period Start
	<i>Use to indicate the start of a period of performance or lease.</i>
194	Period End
	<i>Use to indicate the end of a period of performance or lease.</i>
368	Submittal
	<i>When REF01 is code TN, use to indicate the date of a related transaction set.</i>
375	Delivery Start
	<i>Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified time period.</i>
376	Delivery End
	<i>Use to indicate the end date/time for deliveries when the total quantity is to be delivered during a specified time period.</i>
641	Option
	<i>Use with DTM02 to indicate the last date for the exercise of an option or with DTM06/07 to indicate the period during which the option may be exercised.</i>
800	Midpoint of Performance
	<i>Use to indicate the date when half the effort in terms of dollars or hours will be completed.</i>
937	Department of Labor Wage Determination Date
	<i>Use to indicate the date of a Department of Labor Wage Determination. If revisions or modifications</i>

			<i>are applicable to a Wage Determination, cite the date of the most recent revision or modification in DTM02.</i>	
	992	Date Requested		
			<i>Use to indicate the extension date requested for a quote submission for the line item identified in PO101. Not applicable to IFB. Cite code 04 in BQR01 of the subsequent quote.</i>	
<b>DTM02</b>	<b>373</b>	<b>Date</b>	<b>X</b>	<b>DT 6/6</b>
		Date (YYMMDD)		
<b>DTM03</b>	<b>337</b>	<b>Time</b>	<b>X</b>	<b>TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
		<i>If applicable, use to indicate the time for a delivery. Specify the time only in the HHMM format.</i>		
<b>DTM04</b>	<b>623</b>	<b>Time Code</b>	<b>O</b>	<b>ID 2/2</b>
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
		CT	Central Time	
		ET	Eastern Time	
		GM	Greenwich Mean Time	
		LT	Local Time	
		MT	Mountain Time	
		PT	Pacific Time	
<b>DTM05</b>	<b>624</b>	<b>Century</b>	<b>O</b>	<b>N0 2/2</b>
		The first two characters in the designation of the year (CCYY)		
<b>DTM06</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b>	<b>X</b>	<b>ID 2/3</b>
		Code indicating the date format, time format, or date and time format		
		<i>1. Use any code.</i>		
		<i>2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format.</i>		
		<i>3. Use also to qualify a range of dates or times. Use of code RD6 or RD8 is preferred for expressing a date range.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		
<b>DTM07</b>	<b>1251</b>	<b>Date Time Period</b>	<b>X</b>	<b>AN 1/35</b>
		Expression of a date, a time, or range of dates, times or dates and times		



*When used to identify a time range for deliveries on a specified date, use code RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.*

**Segment: TD5 Carrier Details (Routing Sequence/Transit Time)****Position:** 250**Loop:** PO1 Optional**Level:** Detail**Usage:** Optional**Max Use:** 12**Purpose:** To specify the carrier and sequence of routing and provide transit time information**Syntax Notes:** 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.

2 If TD502 is present, then TD503 is required.

3 If TD507 is present, then TD508 is required.

4 If TD510 is present, then TD511 is required.

**Semantic Notes:****Comments:** 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.**Notes:** 1. Use this 2/TD5/250 segment to identify the transportation method that is applicable to a specific line item. Use the 2/TD5/500 segment if the transportation method for the line item applies to a named entity.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Not Used	TD501	133	<b>Routing Sequence Code</b>	O ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement	
Not Used	TD502	66	<b>Identification Code Qualifier</b>	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
Not Used	TD503	67	<b>Identification Code</b>	X AN 2/20
			Code identifying a party or other code	
	TD504	91	<b>Transportation Method/Type Code</b>	X ID 1/2
			Code specifying the method or type of transportation for the shipment	
			1. Use any code other than code ZZ.	
			2. An application program conversion table may be required to convert agency codes to X12 codes.	
			<b>D Parcel Post</b>	
			Use to indicate the US Postal Service and not a private carrier.	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	TD505	387	<b>Routing</b>	X AN 1/35

			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
Not Used	TD506	368	<b>Shipment/Order Status Code</b>	X ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
Not Used	TD507	309	<b>Location Qualifier</b>	O ID 1/2
			Code identifying type of location	
Not Used	TD508	310	<b>Location Identifier</b>	X AN 1/30
			Code which identifies a specific location	
Not Used	TD509	731	<b>Transit Direction Code</b>	O ID 2/2
			The point of origin and point of direction	
Not Used	TD510	732	<b>Transit Time Direction Qualifier</b>	O ID 2/2
			Code specifying the value of time used to measure the transit time	
Not Used	TD511	733	<b>Transit Time</b>	X R 1/4
			The numeric amount of transit time	
	TD512	284	<b>Service Level Code</b>	X ID 2/2
			Code defining service	
			<b><i>Use any code other than code ZZ.</i></b>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	

**Segment:** **TD4** Carrier Details (Special Handling, or Hazardous Materials, or Both)

**Position:** 270

**Loop:** PO1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 5

**Purpose:** To specify transportation special handling requirements, or hazardous materials information, or both

**Syntax Notes:**

- 1 At least one of TD401 TD402 or TD404 is required.
- 2 If TD402 is present, then TD403 is required.

**Semantic Notes:**

**Comments:**

**Notes:**

1. Use this 2/TD4/270 segment to provide special handling or hazardous material information that applies to a specific line item. Use the 2/TD4/520 segment when the information applies to a named entity.

2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i>	
		AMM A.M. Delivery Requirement	
		DA Dangerous	
		EX Explosive Flammable Gas	
		FG Flammable Gas	
		FL Flammable	
		FP Flammable Poison Gas	
		HM Endorsed as Hazardous Material	
		LT Less Than Full Carload	
		LTT Less Than Truckload	
		PG Poisonous Gas	
		PMM P.M. Delivery Requirement	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	

<b>TD404</b>	<b>352</b>	<b>Description</b>	<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content	
		<i>Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	

<b>Segment:</b>	<b>MSG</b> Message Text
<b>Position:</b>	289
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To provide a free form format that would allow the transmission of text information.
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
<b>Notes:</b>	<p><i>1. Use this segment to provide, in plain text, information not associated with a lead time, clause or address.</i></p> <p><i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i></p>

## Data Element Summary

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	
<b>M</b>	<b>MSG01</b>	<b>933 Free-Form Message Text</b>	<b>M AN 1/264</b>
		Free-form message text	
<b>Not Used</b>	<b>MSG02</b>	<b>934 Printer Carriage Control Code</b>	<b>O ID 2/2</b>
		A field to be used for the control of the line feed of the receiving printer	

<b>Segment:</b>	<b>SPI</b> Specification Identifier
<b>Position:</b>	291
<b>Loop:</b>	PO1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To provide a description of the included specification or technical data items
<b>Syntax Notes:</b>	<b>1</b> If either SPI02 or SPI03 is present, then the other is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<i>Use this segment to identify those elements of the quote that have a government security classification or commercial protection level.</i>

## Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	SPI01	<b>786 Security Level Code</b>	<b>M ID 2/2</b>
		Code indicating the level of confidentiality assigned by the sender to the information following	
		<i>Use to identify the level of government security classification or commercial protection level applicable to the items identified in SPI02/03. If the item has both a government security classification and a commercial protection level, cite the government security classification in this data element and cite the commercial protection level in SPI09.</i>	
		06	Supplier Proprietary
		11	Competition Sensitive
		92	Government Confidential
		93	Government Secret
		94	Government Top Secret
	SPI02	<b>128 Reference Number Qualifier</b>	<b>X ID 2/2</b>
		Code qualifying the Reference Number.	
		<i>1. Use to identify items within the transaction set that are either government classified, e.g., drawing number, SOW, or those items that have a commercial protection level assigned by the offeror. Use SPI04 to further define the number or to describe the item cited in SPI03, if necessary.</i>	
		<i>2. Use any code other than code ZZ.</i>	
		<b>91 Cost Element</b>	
		<i>Use to indicate cost or price data, e.g., unit price, labor rate, overhead rate, etc. When this code is used, cite the number to which the protection level applies in SPI03 and use SPI04 to define the number.</i>	

			<b><i>DD Document Identification</i></b>	
			<b><i>Use to indicate an Engineering Data List.</i></b>	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	<b>SPI03</b>	<b>127</b>	<b>Reference Number</b>	<b>X AN 1/30</b>
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	<b>SPI04</b>	<b>790</b>	<b>Entity Title</b>	<b>O AN 1/132</b>
			Title of the data entity	
			<b><i>Use only if necessary to further define the number in SPI03.</i></b>	
<b>Not Used</b>	<b>SPI05</b>	<b>791</b>	<b>Entity Purpose</b>	<b>O AN 1/80</b>
			The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction	
<b>Not Used</b>	<b>SPI06</b>	<b>792</b>	<b>Entity Status Code</b>	<b>O ID 1/1</b>
			Code indicating the current status of the data item specified by the electronic data item	
<b>Not Used</b>	<b>SPI07</b>	<b>353</b>	<b>Transaction Set Purpose Code</b>	<b>O ID 2/2</b>
			Code identifying purpose of transaction set	
<b>Not Used</b>	<b>SPI08</b>	<b>755</b>	<b>Report Type Code</b>	<b>O ID 2/2</b>
			Code indicating the title or contents of a document, report or supporting item	
	<b>SPI09</b>	<b>786</b>	<b>Security Level Code</b>	<b>O ID 2/2</b>
			Code indicating the level of confidentiality assigned by the sender to the information following	
			<b><i>When SPI01 is code 92, 93, or 94, use to identify the commercial protection level assigned to the item identified in SPI03, if applicable.</i></b>	
			06	Supplier Proprietary
			11	Competition Sensitive
<b>Not Used</b>	<b>SPI10</b>	<b>559</b>	<b>Agency Qualifier Code</b>	<b>O ID 2/2</b>
			Code identifying the agency assigning the code values	
<b>Not Used</b>	<b>SPI11</b>	<b>822</b>	<b>Source Subqualifier</b>	<b>O AN 1/15</b>
			A reference that indicates the table or text maintained by the Source Qualifier	
<b>Not Used</b>	<b>SPI12</b>	<b>554</b>	<b>Assigned Number</b>	<b>O N0 1/6</b>
			Number assigned for differentiation within a transaction set	
<b>Not Used</b>	<b>SPI13</b>	<b>1322</b>	<b>Certification Type Code</b>	<b>O ID 1/1</b>
			Code indicating the type of certification	
<b>Not Used</b>	<b>SPI14</b>	<b>1401</b>	<b>Proposal Data Detail Identifier Code</b>	<b>O ID 1/3</b>
			Code identifying the basis of a cited value in a proposal	



<b>Segment:</b>	<b>SCH</b> Line Item Schedule
<b>Position:</b>	292
<b>Loop:</b>	SCH Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify the data for scheduling a specific line-item
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If SCH03 is present, then SCH04 is required.</li> <li>2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.</li> <li>3 If SCH09 is present, then SCH08 is required.</li> <li>4 If SCH10 is present, then SCH08 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 SCH12 is the schedule identification.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. Use this 2/SCH/292 segment to quote a partial delivery when it can be specified as an actual date and there is only one ship-to addressee. If there is more than one entity receiving a partial shipment, use the 2/SCH/490 segment.</li> <li>2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</li> </ol>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SCH01	380	Quantity Numeric value of quantity	M R 1/15
M	SCH02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ.</i> <i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	M ID 2/2
Not Used	SCH03	98	Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual	O ID 2/2
Not Used	SCH04	93	Name Free-form name	X AN 1/35
M	SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 017 Estimated Delivery 063 Do Not Deliver After <i>Use to indicate deliveries cannot be made after a specified date and/or time.</i>	M ID 3/3

		064	Do Not Deliver Before	
			<i>Use to indicate deliveries cannot be made before a specified date and/or time.</i>	
		069	Promised for Delivery	
			<i>Use to indicate the exact date when the offeror proposes to make delivery.</i>	
		075	Promised for Delivery (Prior to and Including)	
			<i>Use to indicate the date on or before which the offeror proposes to make delivery.</i>	
		078	Promised for Delivery (Week of)	
			<i>When this code is used, cite the beginning date of the week.</i>	
		174	Month Ending	
			<i>Use to indicate delivery is required on the last date of the specified month.</i>	
		358	Cycle Begin	
			<i>Use to indicate the beginning of a delivery cycle.</i>	
		375	Delivery Start	
			<i>Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.</i>	
<b>M</b>	<b>SCH06</b>	<b>373</b>	<b>Date</b>	<b>M DT 6/6</b>
			Date (YYMMDD)	
	<b>SCH07</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	
	<b>SCH08</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
			Code specifying type of date or time, or both date and time	
		017	Estimated Delivery	
		063	Do Not Deliver After	
			<i>Use to indicate deliveries cannot be made after a specified date and/or time.</i>	
		064	Do Not Deliver Before	
			<i>Use to indicate deliveries cannot be made before a specified date and/or time.</i>	
		069	Promised for Delivery	
			<i>Use to indicate the exact date when the offeror</i>	

			<i>proposes to make delivery.</i>	
		075	Promised for Delivery (Prior to and Including)	
			<i>Use to indicate the date on or before which the offeror proposes to make delivery.</i>	
		078	Promised for Delivery (Week of)	
			<i>When this code is used, cite the beginning date of the week.</i>	
		174	Month Ending	
			<i>Use to indicate delivery is required on the last date of the specified month.</i>	
		359	Cycle End	
			<i>Use to indicate the end of a delivery cycle.</i>	
		376	Delivery End	
			<i>Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.</i>	
	<b>SCH09</b>	<b>373</b>	<b>Date</b>	<b>X DT 6/6</b>
			Date (YYMMDD)	
	<b>SCH10</b>	<b>337</b>	<b>Time</b>	<b>X TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	
<b>Not Used</b>	<b>SCH11</b>	<b>326</b>	<b>Request Reference Number</b>	<b>O AN 1/45</b>
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)	
<b>Not Used</b>	<b>SCH12</b>	<b>350</b>	<b>Assigned Identification</b>	<b>O AN 1/11</b>
			Alphanumeric characters assigned for differentiation within a transaction set	

<b>Segment:</b>	<b>PD Pricing Data</b>
<b>Position:</b>	392
<b>Loop:</b>	PD Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To describe the pricing basic input detail
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 PD01 is the unit of the time period contained in PD02.</li> <li>2 PD02 is the date of the start of the time period in PD01.</li> <li>3 PD04 is the quantity of the unit of measurement in PD03.</li> <li>4 PD05 is the name of the cost element being proposed.</li> <li>5 PD06 is the description of the name of the cost element being proposed.</li> <li>6 PD08 is a reference to a specific paragraph number contained in an external document.</li> <li>7 PD09 is the category of the data being proposed.</li> </ol>
<b>Comments:</b>	
<b>Notes:</b>	<p><i>1. Use this loop to provide labor categories, hours, rates, overhead rates, time periods and other cost information.</i></p> <p><i>2. The information contained in this loop is only applicable to the line item within the same PO1 loop.</i></p>

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PD01	344	Unit of Time Period or Interval		M ID 2/2
			Code indicating the time period or interval		
			<i>Use any code.</i>		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
M	PD02	373	Date		M DT 6/6
			Date (YYMMDD)		
			<i>Use to identify the commencement date of the time period specified in PD01, e.g., if PD01 is code CY, then 940101 would indicate the calendar year commencing January 1, 1994.</i>		
M	PD03	C001	Composite Unit of Measure		M
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M	C00101	355	Unit or Basis for Measurement Code		M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			<i>Any code, other than code ZZ, may be used but the following codes are preferred.</i>		
			A8 Dollars per Hours		

*If the quote is in a currency other than US dollars, this code is also used to indicate that currency.*

**DO** Dollars, U.S.

**HR** Hours

**M4** Monetary Value

*Use to indicate the monetary unit specified in CUR03 of the 1/CUR/040 segment when CUR01 is code C5.*

**P1** Percent

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00103	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00106	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00109	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00112	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00115	649	<b>Multiplier</b>	<b>O R 1/10</b>

			Value to be used as a multiplier to obtain a new value	
<b>M</b>	<b>PD04</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity <i>Use to identify the length of the period of time specified in PD01. For example: If the proposing party wanted to indicate the hourly rate for a specific labor category for a two year period, the PD01 would carry code CY for calendar year, PD02 would carry the beginning year, e.g. 940101, PD03-1 would carry code A8 for dollars per hour, and PD04 would carry the number 2.</i>	<b>M R 1/15</b>
<b>M</b>	<b>PD05</b>	<b>93</b>	<b>Name</b> Free-form name <i>Use to provide an abbreviated name for the labor category or other category to which the data being provided pertains.</i>	<b>M AN 1/35</b>
	<b>PD06</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content <i>Use to identify the full description of the abbreviated name provided in PD05.</i>	<b>O AN 1/80</b>
	<b>PD07</b>	<b>1196</b>	<b>Breakdown Structure Detail Code</b> Codes identifying details relating to a reporting breakdown structure tree 26                      Recurring 27                      Nonrecurring	<b>O ID 2/2</b>
<b>Not Used</b>	<b>PD08</b>	<b>127</b>	<b>Reference Number</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	<b>O AN 1/30</b>
<b>Not Used</b>	<b>PD09</b>	<b>352</b>	<b>Description</b> A free-form description to clarify the related data elements and their content	<b>O AN 1/80</b>
	<b>PD10</b>	<b>1401</b>	<b>Proposal Data Detail Identifier Code</b> Code identifying the basis of a cited value in a proposal <i>1. Use to qualify the data being provided.</i> <i>2. Use any code.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	<b>O ID 1/3</b>

**Segment:** **PDD** Pricing Data Detail  
**Position:** 393  
**Loop:** PD Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide the rates, direct input, and pricing factors for each element of work, cross-referenced to an applicable request or submission

**Syntax Notes:** 1 At least one of PDD02 PDD03 or PDD04 is required.

**Semantic Notes:** 1 PDD01 is a sequential number assigned by the initiator.

**Comments:**

- Notes:**
1. Use this segment to provide the actual data related to the item or category identified in the preceding PD segment.
  2. Each occurrence of this segment may contain an entry in PDD02, or PDD03 or PDD04 but not in more than 1.
  3. The number of occurrences of this PDD segment within each PD loop must equal the number cited in PD04 for each iteration of the PD loop.

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	PDD01	350 Assigned Identification	M	AN 1/11
		Alphanumeric characters assigned for differentiation within a transaction set		
		<i>A unique and progressive sequence number (starting with the number "1") assigned by the offeror.</i>		
	PDD02	380 Quantity	X	R 1/15
		Numeric value of quantity		
		<i>Only use when PD03 is code HR.</i>		
	PDD03	782 Monetary Amount	X	R 1/15
		Monetary amount		
		<i>Only use when PD03 is code A8 or DO.</i>		
	PDD04	954 Percent	X	R 1/10
		Percentage expressed as a decimal		
		<i>1. Only use when PD03 is code P1.</i>		
		<i>2. Percents will be cited as a 4 position number with a decimal between positions 2 and 3.</i>		
	PDD05	1401 Proposal Data Detail Identifier Code	O	ID 1/3
		Code identifying the basis of a cited value in a proposal		
		<i>Use any code.</i>		
		Refer to 003050 Data Element Dictionary for acceptable code values.		





<b>Segment:</b>	<b>LDT</b> Lead Time
<b>Position:</b>	394
<b>Loop:</b>	LDT Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify lead time for availability of products and services
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	1 LDT04 is the effective date of lead time information.
<b>Comments:</b>	1 LDT02 is the quantity of unit of time periods.
<b>Notes:</b>	<p><i>1. Use this 2/LDT/394 loop when the quote delivery schedule is a set time period after the occurrence of some event and varies by line item. If the quote delivery schedule is applicable to a named entity, use the 2/LDT/550 loop. If this segment is used, the 2/DTM/200 segment is not used.</i></p> <p><i>2. The following are examples of how the LDT loop can be used to specify a delivery schedule:</i></p> <p><i>Example 1: Deliver 50 each 180 days after the date of the order.</i></p> <p><i>LDT*AY*180*DA n/l</i>  <i>QTY*1J*50*EA n/l</i></p> <p><i>Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after the date of the order.</i></p> <p><i>LDT*AY*180*DA n/l</i>  <i>QTY*1J*50*MO n/l</i></p> <p><i>Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after the date of the order until half the order is completed, then 1000 per month until the total order is complete.</i></p> <p><i>LDT*AY*90*DA n/l</i>  <i>QTY*1J*2500*Q1 n/l</i>  <i>QTY*1K*4*Q1 n/l</i>  <i>LDT*AM*I*MO n/l</i>  <i>QTY*1J*1000*MO n/l</i>  <i>QTY*1K*10*MO n/l</i>  <i>LDT*AK*I*MO n/l</i>  <i>QTY*1J*500*EA n/l</i></p> <p><i>3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

Ref.	Data
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	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LDT01	345	<b>Lead Time Code</b>	M ID 2/2
			Code indicating the time range	
			AD From date of sample approval to first product shipment	
			AH From Date of Receipt of First Article to First Article Approval	
			AI From Date of a Specified Event to Delivery	
			<i>When this code is used, identify the specified event in the following MSG segment.</i>	
			AJ From Date of First Delivery to Date of Subsequent Delivery(ies)	
			AK From Date Of Latest Delivery To Final Delivery	
			AM From Date Of Previous Delivery To Date Of Subsequent Delivery	
			AP From Date of Award to Midpoint of Effort	
			AV From Date of Award to Date of Latest Delivery	
			AW From Date of Award to Date of Earliest Delivery	
			AX From Date of Award to Date of Completion	
			<i>Use to indicate the completion date, e.g., for a level of effort.</i>	
			AY From Date of Award to Date of Delivery	
			AZ From Date of Receipt of Item to Date of Approval of Item	
M	LDT02	380	<b>Quantity</b>	M R 1/15
			Numeric value of quantity	
M	LDT03	344	<b>Unit of Time Period or Interval</b>	M ID 2/2
			Code indicating the time period or interval	
			CY Calendar Year	
			DA Calendar Days	
			KK Maximum Calendar Days	
			<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>	
			MO Month	
			QY Quarter of a Year	
			SA Semiannual	
			WK Weeks	
	LDT04	373	<b>Date</b>	O DT 6/6
			Date (YYMMDD)	
			<i>Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.</i>	

**Segment:** **QTY** Quantity  
**Position:** 395  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify quantity information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:**

**1. Use this segment to specify the quantity that is to be delivered in accordance with the quote delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.**

**2. Use also to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments.**

**3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.**

## Data Element Summary

Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
			1J Due	<i>Use to indicate the quantity to be delivered.</i>
			1K Time Units	<i>Use to indicate the length of the delivery period.</i>
			SA Shipments	<i>Use to indicate the number of shipments proposed to complete the deliverable quantity.</i>
M	QTY02	380	Quantity	M R 1/15
			Numeric value of quantity	
			<b>1. When QTY01 is code 1J, cite the quantity to be delivered.</b>	
			<b>2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4 and in QTY03 identify the time measurement of the delivery period, e.g., months.</b>	
	QTY03	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

*1. Use any code other than code ZZ.*

*2. An application program conversion table may be required to convert agency codes to X12 codes.*

***DA Days***

*When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

***MO Months***

*When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

***Q1 Quarter (Time)***

*When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

***WK Week***

*When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

***YR Years***

*When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.*

Refer to 003050 Data Element Dictionary for acceptable code values.

<b>Segment:</b>	<b>MSG</b> Message Text
<b>Position:</b>	396
<b>Loop:</b>	LDT Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To provide a free form format that would allow the transmission of text information.
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
<b>Notes:</b>	1. <i>When LDT01 is code AI, use to identify the specified event.</i>  2. <i>Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i>

Data Element Summary				
	<b>Ref.</b>	<b>Data</b>		
	<b>Des.</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>
M	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	
Not Used	MSG02	934	Printer Carriage Control Code	O ID 2/2
			A field to be used for the control of the line feed of the receiving printer	

**Segment:** **LM** **Code Source Information**

**Position:** 397

**Loop:** LM Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To transmit standard code list identification information

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 LM02 identifies the applicable industry code list source information.

**Notes:** *1. Use this 2/LM/397 loop to provide the codes from DoD 5010.12-M that identify the frequency of delivery for a CDRL data item.*

*2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.*

#### Data Element Summary

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	<b><u>Attributes</u></b>
<b>M</b>	<b>LM01</b>	<b>559 Agency Qualifier Code</b> Code identifying the agency assigning the code values DF Department of Defense (DoD)	<b>M ID 2/2</b>
<b>Not Used</b>	<b>LM02</b>	<b>822 Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	<b>O AN 1/15</b>

**Segment:** **LQ** Industry Code  
**Position:** 398  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.*

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		FX Frequency	
		<i>Use to indicate the frequency of delivery code for a data item deliverable on a Contract Data Requirements List (DD Form 1423).</i>	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	

<b>Segment:</b>	<b>N9</b> Reference Number
<b>Position:</b>	400
<b>Loop:</b>	N9 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of N902 or N903 is required.</li> <li>2 If N906 is present, then N905 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 N906 reflects the time zone which the time reflects.</li> </ol>
<b>Comments:</b>	
<b>Notes:</b>	<p><i>1. Use this 2/N9/400 loop to provide required information that is applicable to a specific line item. When the information is applicable to the entire quote, use the 1/N9/290 loop.</i></p> <p><i>2. Use this loop to provide fill-in information applicable to a specific line item as required in the Solicitation (RRA segment) 840 transaction set, to specify exceptions being taken to some item in the solicitation that cannot be provided elsewhere in the transaction set, or to provide values applicable to incentive or cost sharing line items.</i></p> <p><i>3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may be optionally cited in the following MSG segment.</i></p> <p><i>4. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and date MUST be cited in the following MSG segment.</i></p> <p><i>5. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128 Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		BB Authorization Number	
			<i>Use to indicate the Code of Federal Regulations.</i>
		CJ Clause Number	
			<i>Use to indicate a purchasing activity clause (i.e., a clause not found in FAR/DFARS, etc.). Identify the purchasing activity issuing the clause in N903.</i>
		DF Defense Federal Acquisition Regulations (DFAR)	
		DX Department/Agency Number	
			<i>Use to indicate an Agency Clause and identify the</i>



			<i>agency in N903.</i>
	EC	Circular	
			<i>Use to indicate an Office of Management and Budget (OMB) Circular number.</i>
	FA	Federal Acquisition Regulations (FAR)	
	GS	General Services Administration Regulations (GSAR)	
	KR	Response to a Request for Quotation Reference	
			<i>Use to indicate fill-in information required by the number cited in N902 is being provided in the following MSG segment.</i>
	KT	Request for Quotation Reference	
			<i>When BQR06 is code BW, use to indicate exceptions are being taken to items in the solicitation and are specified in the following MSG segment. Insert the word "Exception" in N903 when this code is used.</i>
	KY	Site Specific Procedures, Terms, and Conditions	
	KZ	Master Solicitation Procedures, Terms, and Conditions	
			<i>Use to indicate the Master Solicitation number that contains terms and conditions that pertain to the solicitation.</i>
	L1	Letters or Notes	
			<i>Use to indicate general information, comments, or notes are being provided by the bidder in the following MSG segment. Insert the word "Note" in N903 when this code is used.</i>
	VB	Department of Veterans Affairs Acquisition Regulations (VAAR)	
	ZZ	Mutually Defined	
			<i>Use to indicate that amounts applicable to incentive or cost sharing line items are being provided in the MSG segment. When used, insert the word "Amounts" in N903.</i>
<b>N902</b>	<b>127</b>	<b>Reference Number</b>	<b>X AN 1/30</b>
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
<b>N903</b>	<b>369</b>	<b>Free-form Description</b>	<b>X AN 1/45</b>
		Free-form descriptive text	
			<i>1. When N901 is code KT, cite the word "Exception"; when N901 is code L1, cite the word "Note"; when N901 is code ZZ, insert the word "Amounts"; when N901 is code CJ or DX, identify the Agency or purchasing activity issuing the clause cited in N902.</i>

			<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>	
	<b>N904</b>	<b>373</b>	<b>Date</b>	<b>O DT 6/6</b>
			Date (YYMMDD)	
			<i>Use to identify the date of the clause cited in N902. The DD portion of the date will always be 01.</i>	
<b>Not Used</b>	<b>N905</b>	<b>337</b>	<b>Time</b>	<b>X TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
<b>Not Used</b>	<b>N906</b>	<b>623</b>	<b>Time Code</b>	<b>O ID 2/2</b>
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	

**Segment:** **MSG** Message Text  
**Position:** 410  
**Loop:** N9 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To provide a free form format that would allow the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

**Notes:** *1. Use this segment when N901 is code KR to provide a certification, representation, or other fill-in information required by the clause or paragraph number cited in N902; when N901 is code L1 to provide general comments or notes; when N901 is code KT to identify exceptions being taken to some portion of the solicitation; or when N901 is code ZZ, to identify amounts applicable to incentive or cost sharing line items.*

*2. When providing a certification, representation or other fill-in information, the following format is recommended:*

*a) In the first iteration of the segment, cite the clause title, and the clause alternate identifier if applicable, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.*

*b) For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.*

*3. The purpose of the pipe sign (|) is to provide an indication to receiving applications that the data string related to a single entry has been completed.*

*An example of a clause with 3 fill-ins follows:*

*MSG\*Taxpayer Identification/3/  
 MSG\*1. TIN has been applied for/  
 MSG\*2. Other corporate entity/  
 MSG\*3. Offeror is not owned or controlled by a common parent as identified  
 in paragraph (a) of this clause/*

*4. An example alternative format provides all fill-in information within the title MSG segment as follows:*

*MSG\*Taxpayer Identification |3| TIN has been applied for| Other corporate*

*entity/ Offeror is not owned or controlled by a common parent as identified in paragraph (a) of this clause/*

*5. Use this segment to provide information essential to the quote.*

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264
Not Used	MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2

<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	420
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of N102 or N103 is required.</li> <li>2 If either N103 or N104 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>2 N105 and N106 further define the type of entity in N101.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. Use this 2/N1/420 loop to provide address information related to a specific line item. Use the 1/N1/310 loop to provide address information that is applicable to all of the line items.</li> <li>2. Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segment N2 through N4 as applicable when address information cannot be provided using one of the codes listed in N103.</li> <li>3. Use this segment to provide information essential to the quote.</li> </ol>

## Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
M	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		28 Subcontractor	
			<i>Use, if applicable, to provide the name and address of a subcontractor.</i>
		31 Postal Mailing Address	
			<i>Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.</i>
		61 Performed At	
			<i>Use to indicate additional places of performance, if applicable.</i>
		7M Inspection and Acceptance Location	

	<i>Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.</i>
AE	Additional Delivery Address <i>Use to indicate a ship in-place location.</i>
DL	Dealer <i>Use to indicate a dealer or reseller of products.</i>
DS	Distributor <i>Use to indicate a distributor of products.</i>
IC	Intermediate Consignee <i>When FOB02 is code IT, use to indicate a freight forwarder.</i>
IS	Party to Receive Certified Inspection Report
KF	Audit Office
KG	Project Manager <i>Use to indicate the selling party's representative for a project.</i>
KH	Organization Having Source Control <i>When BQR06 is code AB, use to identify the organization having source control of the product offered.</i>
KX	Free on Board Point <i>Use to indicate the FOB point when it has to be described by a specific address rather than as a code value indicating either origin or destination. Applicable when FOB02 is code KE, KL, or ZZ.</i>
KY	Technical Office
KZ	Acceptance Location <i>Use to indicate the acceptance location is proposed at other than origin or destination.</i>
L1	Inspection Location <i>Use to indicate the inspection location when it has to be described as an address.</i>
MF	Manufacturer of Goods <i>Use either to identify the actual manufacturer of the item if not the offeror or if a qualification requirement applied to the solicited item to specify the manufacturer that has already met the qualification requirement.</i>
ST	Ship To <i>Use this code when a different delivery schedule associated with a named entity is being proposed.</i>

			<i>If the address is an FPO or APO, cite the FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.</i>	
		SV	Service Performance Site	
			<i>Use to indicate the location where service for a product can be obtained.</i>	
		X2	Party to Perform Packaging	
N102	93	<b>Name</b>		<b>X AN 1/35</b>
Free-form name				
N103	66	<b>Identification Code Qualifier</b>		<b>X ID 1/2</b>
Code designating the system/method of code structure used for Identification Code (67)				
<i>While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.</i>				
		1	D-U-N-S Number, Dun & Bradstreet	
			<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			<i>Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.</i>	
		10	Department of Defense Activity Address Code (DODAAC)	
			<i>Use to indicate a DoD or Civilian Agency Activity Address Code.</i>	
		33	Commercial and Government Entity (CAGE)	
			<i>Use to indicate a commercial entity.</i>	
		A2	Military Assistance Program Address Code (MAPAC)	
N104	67	<b>Identification Code</b>		<b>X AN 2/20</b>
Code identifying a party or other code				
Not Used	N105	706	<b>Entity Relationship Code</b>	<b>O ID 2/2</b>
Code describing entity relationship				
Not Used	N106	98	<b>Entity Identifier Code</b>	<b>O ID 2/2</b>
Code identifying an organizational entity, a physical location, or an individual				

**Segment:** **N2 Additional Name Information**  
**Position:** 430  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary				
M	Ref.	Data	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35



**Segment:** **N3** Address Information  
**Position:** 440  
**Loop:** N1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

<b>Segment:</b>	<b>N4 Geographic Location</b>
<b>Position:</b>	450
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify the geographic place of the named party
<b>Syntax Notes:</b>	1 If N406 is present, then N405 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the USA or Canada.
<b>Notes:</b>	<i>This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.</i>

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	
		<i>Cite the two position ISO 3166 country code.</i>	
N405	309	Location Qualifier	X ID 1/2
		Code identifying type of location	
		AR Armed Services Location Designation	
		<i>Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).</i>	
N406	310	Location Identifier	O AN 1/30
		Code which identifies a specific location	
		<i>When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).</i>	

**Segment:** **PER** Administrative Communications Contact

**Position:** 470

**Loop:** N1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 3

**Purpose:** To identify a person or office to whom administrative communications should be directed

**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:****Comments:****Notes:**

*When N101 is code KH or MF, use of this segment is **REQUIRED** to identify points of contacts within the manufacturing entity who has design control or who is manufacturing an equal or substitute item.*

**Data Element Summary**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	PER01	366	Contact Function Code	M ID 2/2
			Code identifying the major duty or responsibility of the person or group named	
		IC	Information Contact	
			<i>Use with an applicable N101 code to indicate an information point of contact when no other code applies.</i>	
		ME	Manufacturing	
			<i>When N101 is code MF, use to indicate the manufacturing point of contact.</i>	
		PP	Program Manager	
			<i>Use in conjunction with N101 code KG.</i>	
		SU	Supplier Contact	
			<i>When N101 is code KH, use to indicate the contact point for a supplier who has design control over a manufactured item.</i>	
	PER02	93	Name	O AN 1/35
			Free-form name	
			<i>Use to identify the name of a point of contact. Last name followed by first name is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.</i>	
	PER03	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number	

AU	Defense Switched Network
EM	Electronic Mail
FX	Facsimile
IT	International Telephone
TE	Telephone

*Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.*

**PER04      364      Communication Number      X      AN 1/80**

Complete communications number including country or area code when applicable

*All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.*

**PER05      365      Communication Number Qualifier      X      ID 2/2**

Code identifying the type of communication number

*Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 could cite a FAX number.*

AU	Defense Switched Network
EM	Electronic Mail
EX	Telephone Extension

*Use only if PER03 is used citing either code AU or TE.*

FX	Facsimile
IT	International Telephone
TE	Telephone

*Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.*

**PER06      364      Communication Number      X      AN 1/80**

Complete communications number including country or area code when applicable

*All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.*

**PER07      365      Communication Number Qualifier      X      ID 2/2**

Code identifying the type of communication number

*Use to identify a third communications number for the party cited in PER02.*

AU	Defense Switched Network
EM	Electronic Mail
EX	Telephone Extension

*Use only if PER05 is used citing either code AU or*

		<b>TE.</b>	
		FX	Facsimile
		IT	International Telephone
		TE	Telephone
		<i>Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.</i>	
<b>PER08</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
		Complete communications number including country or area code when applicable	
		<i>All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.</i>	
<b>PER09</b>	<b>443</b>	<b>Contact Inquiry Reference</b>	<b>O AN 1/20</b>
		Additional reference number or description to clarify a contact number	
		<i>Use, if necessary, to provide the title of the individual cited in PER02.</i>	

<b>Segment:</b>	<b>SCH</b> Line Item Schedule
<b>Position:</b>	485
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	200
<b>Purpose:</b>	To specify the data for scheduling a specific line-item
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If SCH03 is present, then SCH04 is required.</li> <li>2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.</li> <li>3 If SCH09 is present, then SCH08 is required.</li> <li>4 If SCH10 is present, then SCH08 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 SCH12 is the schedule identification.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. Use this segment to identify a partial delivery when it can be specified as an actual date and is applicable to a named entity.</li> <li>2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</li> </ol>

## Data Element Summary

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u> <u>Name</u></b>	
<b>M</b>	<b>SCH01</b>	<b>380 Quantity</b> Numeric value of quantity	<b>M R 1/15</b>
<b>M</b>	<b>SCH02</b>	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>1. Use any code other than code ZZ..</i> <i>2. An application program conversion table may be required to convert agency codes to X12 codes.</i> Refer to 003050 Data Element Dictionary for acceptable code values.	<b>M ID 2/2</b>
<b>Not Used</b>	<b>SCH03</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, or an individual	<b>O ID 2/2</b>
<b>Not Used</b>	<b>SCH04</b>	<b>93 Name</b> Free-form name	<b>X AN 1/35</b>
<b>M</b>	<b>SCH05</b>	<b>374 Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 017 Estimated Delivery 063 Do Not Deliver After <i>Use to indicate deliveries cannot be made after a specified date and/or time.</i> 064 Do Not Deliver Before	<b>M ID 3/3</b>

				<i>Use to indicate deliveries cannot be made before a specified date and/or time.</i>
		069	Promised for Delivery	<i>Use to indicate the exact date when the offeror proposes to make delivery.</i>
		075	Promised for Delivery (Prior to and Including)	<i>Use to indicate the date on or before which the offeror proposes to make delivery.</i>
		078	Promised for Delivery (Week of)	<i>When this code is used, cite the beginning date of the week.</i>
		174	Month Ending	<i>Use to indicate delivery is required on the last date of the specified month.</i>
		358	Cycle Begin	<i>Use to indicate the beginning of a delivery cycle.</i>
		375	Delivery Start	<i>Use to indicate the start date for deliveries when the total quantity is to be delivered during a specified time period.</i>
<b>M</b>	<b>SCH06</b>	<b>373</b>	<b>Date</b>	<b>M DT 6/6</b>
			Date (YYMMDD)	
	<b>SCH07</b>	<b>337</b>	<b>Time</b>	<b>O TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			<i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>	
	<b>SCH08</b>	<b>374</b>	<b>Date/Time Qualifier</b>	<b>X ID 3/3</b>
			Code specifying type of date or time, or both date and time	
		017	Estimated Delivery	
		063	Do Not Deliver After	<i>Use to indicate deliveries cannot be made after a specified date and/or time.</i>
		064	Do Not Deliver Before	<i>Use to indicate deliveries cannot be made before a specified date and/or time.</i>
		069	Promised for Delivery	<i>Use to indicate the exact date when the offeror proposes to make delivery.</i>

		075	Promised for Delivery (Prior to and Including) <i>Use to indicate the date on or before which the offeror proposes to make delivery.</i>
		078	Promised for Delivery (Week of) <i>When this code is used, cite the beginning date of the week.</i>
		174	Month Ending <i>Use to indicate delivery is required on the last date of the specified month.</i>
		359	Cycle End <i>Use to indicate the end of a delivery cycle.</i>
		376	Delivery End <i>Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.</i>
	<b>SCH09</b>	<b>373</b>	<b>Date</b> <b>X</b> <b>DT 6/6</b> Date (YYMMDD)
	<b>SCH10</b>	<b>337</b>	<b>Time</b> <b>X</b> <b>TM 4/8</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) <i>Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.</i>
<b>Not Used</b>	<b>SCH11</b>	<b>326</b>	<b>Request Reference Number</b> <b>O</b> <b>AN 1/45</b> Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)
<b>Not Used</b>	<b>SCH12</b>	<b>350</b>	<b>Assigned Identification</b> <b>O</b> <b>AN 1/11</b> Alphanumeric characters assigned for differentiation within a transaction set



<b>Segment:</b>	<b>TD5</b> Carrier Details (Routing Sequence/Transit Time)
<b>Position:</b>	500
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	12
<b>Purpose:</b>	To specify the carrier and sequence of routing and provide transit time information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.</li> <li>2 If TD502 is present, then TD503 is required.</li> <li>3 If TD507 is present, then TD508 is required.</li> <li>4 If TD510 is present, then TD511 is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. Use this 2/TD5/500 segment when the transportation method is applicable to a named entity for a specific line item.</li> <li>2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</li> </ol>

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Not Used	TD501	133	<b>Routing Sequence Code</b>	O ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement	
Not Used	TD502	66	<b>Identification Code Qualifier</b>	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
Not Used	TD503	67	<b>Identification Code</b>	X AN 2/20
			Code identifying a party or other code	
	TD504	91	<b>Transportation Method/Type Code</b>	X ID 1/2
			Code specifying the method or type of transportation for the shipment	
			1. Use any code other than code ZZ.	
			2. An application program conversion table may be required to convert agency codes to X12 codes.	
			<b>D Parcel Post</b>	
			Use to indicate the US Postal Service and not a private carrier.	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	TD505	387	<b>Routing</b>	X AN 1/35
			Free-form description of the routing or requested routing for shipment, or	

			the originating carrier's identity	
Not Used	TD506	368	<b>Shipment/Order Status Code</b>	X ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	
Not Used	TD507	309	<b>Location Qualifier</b>	O ID 1/2
			Code identifying type of location	
Not Used	TD508	310	<b>Location Identifier</b>	X AN 1/30
			Code which identifies a specific location	
Not Used	TD509	731	<b>Transit Direction Code</b>	O ID 2/2
			The point of origin and point of direction	
Not Used	TD510	732	<b>Transit Time Direction Qualifier</b>	O ID 2/2
			Code specifying the value of time used to measure the transit time	
Not Used	TD511	733	<b>Transit Time</b>	X R 1/4
			The numeric amount of transit time	
	TD512	284	<b>Service Level Code</b>	X ID 2/2
			Code defining service	

***Use any code other than code ZZ.***

Refer to 003050 Data Element Dictionary for acceptable code values.

**Segment:** **TD4** **Carrier Details (Special Handling, or Hazardous Materials, or Both)**

**Position:** 520

**Loop:** N1 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 5

**Purpose:** To specify transportation special handling requirements, or hazardous materials information, or both

**Syntax Notes:** 1 At least one of TD401 TD402 or TD404 is required.  
2 If TD402 is present, then TD403 is required.

**Semantic Notes:**

**Comments:**

**Notes:** 1. Use this 2/TD4/520 segment when special handling or hazardous material information is applicable to a named entity for a specific line item.  
2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD401	152	Special Handling Code	X ID 2/3
		Code specifying special transportation handling instructions	
		<i>Any code, other than code ZZZ, may be used but the listed codes are preferred.</i>	
		AMM A.M. Delivery Requirement	
		DA Dangerous	
		EX Explosive Flammable Gas	
		FG Flammable Gas	
		FL Flammable	
		FP Flammable Poison Gas	
		HM Endorsed as Hazardous Material	
		LT Less Than Full Carload	
		LTT Less Than Truckload	
		PG Poisonous Gas	
		PMM P.M. Delivery Requirement	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD402	208	Hazardous Material Code Qualifier	X ID 1/1
		Code which qualifies the Hazardous Material Class Code (209)	
		<i>Use any code.</i>	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
TD403	209	Hazardous Material Class Code	X AN 2/4
		Code specifying the kind of hazard for a material	
TD404	352	Description	X AN 1/80

A free-form description to clarify the related data elements and their content

***Use of free form text is discouraged if the information can be provided by some other means within the transaction set.***

<b>Segment:</b>	<b>PKG</b> Marking, Packaging, Loading
<b>Position:</b>	530
<b>Loop:</b>	N1 Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	25
<b>Purpose:</b>	To describe marking, packaging, loading, and unloading requirements
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of PKG04 PKG05 or PKG06 is required.</li> <li>2 If PKG04 is present, then PKG03 is required.</li> <li>3 If PKG05 is present, then PKG01 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 PKG04 should be used for industry-specific packaging description codes.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.</li> <li>2 If PKG01 = ``F", then PKG05 is used. If PKG01 = ``S", then PKG04 is used. If PKG01 = ``X", then both PKG04 and PKG05 are used.</li> <li>3 Use PKG03 to indicate the organization that publishes the code list being referred to.</li> <li>4 Special marking or tagging data can be given in PKG05 (description).</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. <i>Use this 2/PKG/530 segment to identify packaging requirements applicable to a named entity for a specific line item.</i></li> <li>2. <i>Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube, and dimensions of a unit container or an intermediate container is carried in the 2/PO4/090 segment.</i></li> <li>3. <i>Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></li> </ol>

## Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u> <u>Name</u>	
PKG01	349 Item Description Type	X ID 1/1
	Code indicating the format of a description	
	F Free-form	
	S Structured (From Industry Code List)	
	X Semi-structured (Code and Text)	
PKG02	753 Packaging Characteristic Code	O ID 1/5
	Code specifying the marking, packaging, loading and related characteristics being described	
	<i>Use the listed codes to identify applicable packaging requirements.</i>	
	CD Cleaning or Drying Procedure	
	CT Cushioning Thickness	
	CUD Cushioning and Dunnage	
	HM Hazardous Material	

		IC	Intermediate Container	
		LP	Level Of Preservation	
		OPI	Optional Procedure Indicator	
		PK	Packing	
			<i>When the packing code associated with this Packaging Characteristic Code is a three position code; the first position signifies Level A packing for overseas shipments via surface; the second position signifies Level B packing for overseas shipments via freight forwarder, APO/FPO, or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is being proposed, cite MIL-STD 2073-2C code X in PKG04.</i>	
		PM	Preservation Method	
		PML	Preservation Material	
		SMK	Special Marking	
		UC	Unit Container	
		UCL	Unit Container Level	
		WM	Wrapping Material	
<b>PKG03</b>	<b>559</b>	<b>Agency Qualifier Code</b>		<b>X ID 2/2</b>
		Code identifying the agency assigning the code values		
		DF	Department of Defense (DoD)	
		GS	General Services Administration (GSA)	
		ZZ	Mutually Defined	
			<i>Use to indicate a federal activity other than DoD or GSA.</i>	
<b>PKG04</b>	<b>754</b>	<b>Packaging Description Code</b>		<b>X AN 1/7</b>
		A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product		
		<i>The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).</i>		
<b>PKG05</b>	<b>352</b>	<b>Description</b>		<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content		
		<i>1. When PKG04 carries a code indicating that the item will be packed differently than required in the solicitation, use to provide an explanation.</i>		
		<i>2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.</i>		
<b>Not Used</b>	<b>PKG06</b>	<b>400</b>	<b>Unit Load Option Code</b>	<b>X ID 2/2</b>

Code identifying loading or unloading a shipment

<b>Segment:</b>	<b>LDT</b> Lead Time
<b>Position:</b>	550
<b>Loop:</b>	LDT Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To specify lead time for availability of products and services
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	1 LDT04 is the effective date of lead time information.
<b>Comments:</b>	1 LDT02 is the quantity of unit of time periods.
<b>Notes:</b>	<p><i>1. Use this 2/LDT/550 loop if the quote delivery schedule is expressed as a set time period after the occurrence of some event and the ship-to address differs by line item. If the delivery schedule is the same for all ship-to addressees for the line item, use the 2/LDT/394 loop.</i></p> <p><i>2. The following are examples of how the LDT loop can be used to specify a delivery schedule:</i></p> <p><i>Example 1: Deliver 50 each 180 days after the date of the order.</i></p> <p><i>LDT*AY*180*DA n/l</i>  <i>QTY*1J*50*EA n/l</i></p> <p><i>Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after the date of the order.</i></p> <p><i>LDT*AY*180*DA n/l</i>  <i>QTY*1J*50*MO n/l</i></p> <p><i>Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after the date of the order until half the order is completed, then 1000 per month until the total order is complete.</i></p> <p><i>LDT*AY*90*DA n/l</i>  <i>QTY*1J*2500*Q1 n/l</i>  <i>QTY*1K*4*Q1 n/l</i>  <i>LDT*AM*I*MO n/l</i>  <i>QTY*1J*1000*MO n/l</i>  <i>QTY*1K*10*MO n/l</i>  <i>LDT*AK*I*MO n/l</i>  <i>QTY*1J*500*EA n/l</i></p> <p><i>3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</i></p>

## Data Element Summary

Ref.	Data
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	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LDT01	345	<b>Lead Time Code</b>	M ID 2/2
			Code indicating the time range	
			AD From date of sample approval to first product shipment	
			AH From Date of Receipt of First Article to First Article Approval	
			AI From Date of a Specified Event to Delivery	
			<i>When this code is used, identify the specified event in the following MSG segment.</i>	
			AJ From Date of First Delivery to Date of Subsequent Delivery(ies)	
			AK From Date Of Latest Delivery To Final Delivery	
			AM From Date Of Previous Delivery To Date Of Subsequent Delivery	
			AP From Date of Award to Midpoint of Effort	
			AV From Date of Award to Date of Latest Delivery	
			AW From Date of Award to Date of Earliest Delivery	
			AX From Date of Award to Date of Completion	
			AY From Date of Award to Date of Delivery	
			AZ From Date of Receipt of Item to Date of Approval of Item	
M	LDT02	380	<b>Quantity</b>	M R 1/15
			Numeric value of quantity	
M	LDT03	344	<b>Unit of Time Period or Interval</b>	M ID 2/2
			Code indicating the time period or interval	
			CY Calendar Year	
			DA Calendar Days	
			KK Maximum Calendar Days	
			<i>Use to indicate a flexible time period, e.g., X number of days or less.</i>	
			MO Month	
			QY Quarter of a Year	
			SA Semiannual	
			WK Weeks	
	LDT04	373	<b>Date</b>	O DT 6/6
			Date (YYMMDD)	
			<i>Use, as applicable, to cite the effective date of a lead time. For example, the start date of the cited activity.</i>	

<b>Segment:</b>	<b>MAN</b> Marks and Numbers
<b>Position:</b>	560
<b>Loop:</b>	LDT Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	10
<b>Purpose:</b>	To indicate identifying marks and numbers for shipping containers
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If either MAN04 or MAN05 is present, then the other is required.</li> <li>2 If MAN06 is present, then MAN05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.</li> <li>2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.</li> <li>3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.</li> <li>2 MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.</li> </ol>
<b>Notes:</b>	<ol style="list-style-type: none"> <li>1. Use this segment to specify marks and numbers associated with a ship-to addressee.</li> <li>2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.</li> </ol>

## Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	MAN01	88 Marks and Numbers Qualifier	M	ID 1/2
		Code specifying the application or source of Marks and Numbers (87)		
		L Line Item Only		
M	MAN02	87 Marks and Numbers	M	AN 1/45
		Marks and numbers used to identify a shipment or parts of a shipment		
	MAN03	87 Marks and Numbers	O	AN 1/45
		Marks and numbers used to identify a shipment or parts of a shipment		
	MAN04	88 Marks and Numbers Qualifier	X	ID 1/2
		Code specifying the application or source of Marks and Numbers (87)		
		L Line Item Only		
	MAN05	87 Marks and Numbers	X	AN 1/45
		Marks and numbers used to identify a shipment or parts of a shipment		
	MAN06	87 Marks and Numbers	O	AN 1/45
		Marks and numbers used to identify a shipment or parts of a shipment		



**Segment:** **QTY** Quantity  
**Position:** 570  
**Loop:** LDT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify quantity information  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Notes:**

1. Use this 2/QTY/570 segment to specify the quantity of an item that is to be delivered in accordance with the quote delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, weeks, months, quarters, years.
2. Use also to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments
3. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

#### Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
M	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
		1J	Due	
			<i>Use to indicate the quantity to be delivered.</i>	
		1K	Time Units	
			<i>Use to indicate the length of the delivery period.</i>	
		SA	Shipments	
			<i>Use to indicate the number of shipments proposed to complete the deliverable quantity.</i>	
M	QTY02	380	Quantity	M R 1/15
			Numeric value of quantity	
			<i>1. When QTY01 is code 1J, cite the quantity to be delivered.</i>	
			<i>2. When QTY01 is code 1K, cite the length of the delivery period in this data element, e.g., 4 and in QTY03 identify the time measurement of the delivery period, e.g., months.</i>	
	QTY03	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner	

in which a measurement has been taken

***1. Use any code other than code ZZ.***

***2. An application program conversion table may be required to convert agency codes to X12 codes.***

***DA Days***

***When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.***

***MO Months***

***When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.***

***Q1 Quarter (Time)***

***When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.***

***WK Week***

***When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.***

***YR Years***

***When QTY01 is code 1J, use to indicate the frequency of delivery. When QTY01 is code 1K, use to indicate the length of the delivery period.***

Refer to 003050 Data Element Dictionary for acceptable code values.

<b>Segment:</b>	<b>MSG</b> Message Text
<b>Position:</b>	580
<b>Loop:</b>	LDT Optional
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To provide a free form format that would allow the transmission of text information.
<b>Syntax Notes:</b>	
<b>Semantic Notes:</b>	
<b>Comments:</b>	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
<b>Notes:</b>	1. When LDT01 is code AI, use to identify the specified event.  2. Use this segment when the quote differs from the solicitation requirements or to provide information essential to the quote.

## Data Element Summary

	<b>Ref.</b>	<b>Data</b>		
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
<b>M</b>	<b>MSG01</b>	<b>933</b>	<b>Free-Form Message Text</b>	<b>M AN 1/264</b>
			Free-form message text	
<b>Not Used</b>	<b>MSG02</b>	<b>934</b>	<b>Printer Carriage Control Code</b>	<b>O ID 2/2</b>
			A field to be used for the control of the line feed of the receiving printer	

**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
2 If either CTT05 or CTT06 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	CTT01	354	<b>Number of Line Items</b>	M N0 1/6
			Total number of line items in the transaction set	
			<i>Use to identify the total number of PO1 segments.</i>	
	CTT02	347	<b>Hash Total</b>	O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	
			Example:	
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
			<i>This is the sum of the quantities (PO102) for all PO1 segments.</i>	
Not Used	CTT03	81	<b>Weight</b>	X R 1/10
			Numeric value of weight	
Not Used	CTT04	355	<b>Unit or Basis for Measurement Code</b>	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	CTT05	183	<b>Volume</b>	X R 1/8
			Value of volumetric measure	
Not Used	CTT06	355	<b>Unit or Basis for Measurement Code</b>	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	CTT07	352	<b>Description</b>	O AN 1/80
			A free-form description to clarify the related data elements and their	

content



**Segment:** **AMT** Monetary Amount  
**Position:** 015  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Use this segment to identify the total amount of the quote.*

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code	M ID 1/2
			Code to qualify amount	
			TT	Total Transaction Amount
			<i>Use to indicate the total amount of the quote.</i>	
M	AMT02	782	Monetary Amount	M R 1/15
			Monetary amount	
Not Used	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	

**Segment:** **SE** Transaction Set Trailer  
**Position:** 020  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

**Syntax Notes:****Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
<b>M</b>	<b>SE01</b>	<b>96</b>	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
			Total number of segments included in a transaction set including ST and SE segments	
<b>M</b>	<b>SE02</b>	<b>329</b>	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i><b>This is the same number as appears in ST02.</b></i>	